

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061423\
 Data File : VX036157.D
 Acq On : 14 Jun 2023 15:36
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/15/2023
 Supervised By : Mahesh Dadoda 06/15/2023

Quant Time: Jun 15 01:34:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 15 01:28:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	205921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	381242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	176706	50.871	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.740%			
35) Dibromofluoromethane	5.385	113	124211	48.458	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.920%			
50) Toluene-d8	8.646	98	450084	48.913	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.820%			
62) 4-Bromofluorobenzene	11.079	95	177746	45.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	112710	50.357	ug/l	100
3) Chloromethane	1.294	50	122486	50.803	ug/l	100
4) Vinyl Chloride	1.373	62	113886	50.158	ug/l	100
5) Bromomethane	1.617	94	71225	48.713	ug/l	100
6) Chloroethane	1.690	64	71844	50.167	ug/l	100
7) Trichlorofluoromethane	1.886	101	165249	50.931	ug/l	100
8) Diethyl Ether	2.135	74	67086	49.620	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	100412	50.930	ug/l	100
10) Methyl Iodide	2.452	142	117119	53.230	ug/l	100
11) Tert butyl alcohol	3.013	59	147674	258.410	ug/l	100
12) 1,1-Dichloroethene	2.318	96	98542	50.277	ug/l	100
13) Acrolein	2.239	56	166256	250.243	ug/l	100
14) Allyl chloride	2.666	41	206486	51.783	ug/l	100
15) Acrylonitrile	3.074	53	350481	257.448	ug/l	100
16) Acetone	2.404	43	326483	245.008	ug/l	100
17) Carbon Disulfide	2.513	76	248362	49.792	ug/l	100
18) Methyl Acetate	2.709	43	276747	49.406	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	400912	51.555	ug/l	100
20) Methylene Chloride	2.788	84	120783	48.962	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	109005	48.761	ug/l	100
22) Diisopropyl ether	3.757	45	408980	52.116	ug/l	100
23) Vinyl Acetate	3.721	43	1539832	268.421	ug/l	100
24) 1,1-Dichloroethane	3.611	63	222494	51.391	ug/l	100
25) 2-Butanone	4.568	43	495272	254.405	ug/l	100
26) 2,2-Dichloropropane	4.477	77	178473	51.509	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	131920	51.145	ug/l	100
28) Bromochloromethane	4.897	49	117485	52.430	ug/l	100
29) Tetrahydrofuran	5.019	42	323128	258.020	ug/l	100
30) Chloroform	5.092	83	230992	50.953	ug/l	100
31) Cyclohexane	5.470	56	176840	51.105	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	197733	51.603	ug/l	100
36) 1,1-Dichloropropene	5.696	75	162074	49.411	ug/l	100
37) Ethyl Acetate	4.714	43	201690	50.067	ug/l	100
38) Carbon Tetrachloride	5.678	117	162755	51.399	ug/l	100
39) Methylcyclohexane	7.378	83	170316	48.887	ug/l	100
40) Benzene	6.037	78	473292	50.279	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061423\
 Data File : VX036157.D
 Acq On : 14 Jun 2023 15:36
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/15/2023
 Supervised By : Mahesh Dadoda 06/15/2023

Quant Time: Jun 15 01:34:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 15 01:28:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	113692	50.613	ug/l	100
42) 1,2-Dichloroethane	6.086	62	202076	49.763	ug/l	100
43) Isopropyl Acetate	6.342	43	315411	50.486	ug/l	100
44) Trichloroethene	7.122	130	119417	49.446	ug/l	100
45) 1,2-Dichloropropane	7.433	63	125168	50.794	ug/l	100
46) Dibromomethane	7.580	93	89440	49.705	ug/l	100
47) Bromodichloromethane	7.823	83	174864	52.106	ug/l	100
48) Methyl methacrylate	7.689	41	164354	52.842	ug/l	100
49) 1,4-Dioxane	7.732	88	63685	1046.564	ug/l #	100
51) 4-Methyl-2-Pentanone	8.573	43	984603	261.419	ug/l	100
52) Toluene	8.720	92	302589	51.123	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	188630	53.164	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	203031	52.714	ug/l	100
55) 1,1,2-Trichloroethane	9.152	97	125799	50.650	ug/l	100
56) Ethyl methacrylate	9.116	69	201029	52.370	ug/l	100
57) 1,3-Dichloropropane	9.305	76	217794	50.774	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	520008	256.579	ug/l	100
59) 2-Hexanone	9.433	43	742781	265.841	ug/l	100
60) Dibromochloromethane	9.518	129	125168	52.947	ug/l	100
61) 1,2-Dibromoethane	9.610	107	133312	51.184	ug/l	100
64) Tetrachloroethene	9.274	164	96487	50.312	ug/l	100
65) Chlorobenzene	10.079	112	322304	50.458	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	118685	52.814	ug/l	100
67) Ethyl Benzene	10.195	91	582946	51.668	ug/l	100
68) m/p-Xylenes	10.299	106	447889	104.085	ug/l	100
69) o-Xylene	10.640	106	223252	52.563	ug/l	100
70) Styrene	10.652	104	370465	53.152	ug/l	100
71) Bromoform	10.799	173	84112	44.645	ug/l #	100
73) Isopropylbenzene	10.963	105	568622	51.913	ug/l	100
74) N-amyl acetate	10.841	43	265771	53.345	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	191126	51.075	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	183245m	50.829	ug/l	
77) Bromobenzene	11.195	156	134590	52.356	ug/l	100
78) n-propylbenzene	11.305	91	652712	51.192	ug/l	100
79) 2-Chlorotoluene	11.366	91	407338	50.451	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	479765	51.897	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	57005	46.746	ug/l	100
82) 4-Chlorotoluene	11.451	91	473985	51.519	ug/l	100
83) tert-Butylbenzene	11.713	119	453030	51.685	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	490302	52.804	ug/l	100
85) sec-Butylbenzene	11.890	105	553830	51.959	ug/l	100
86) p-Isopropyltoluene	12.006	119	473963	52.534	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	246073	50.176	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	249962	49.397	ug/l	100
89) n-Butylbenzene	12.329	91	403692	52.071	ug/l	100
90) Hexachloroethane	12.536	117	74748	46.257	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	242499	50.492	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44977	52.501	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	133604	48.934	ug/l	100
94) Hexachlorobutadiene	13.725	225	51602	49.015	ug/l	100
95) Naphthalene	13.774	128	510958	53.034	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	136743	50.461	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061423\
Data File : VX036157.D
Acq On : 14 Jun 2023 15:36
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/15/2023
Supervised By :Mahesh Dadoda 06/15/2023

Quant Time: Jun 15 01:34:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061423W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 15 01:28:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Quant Time: Jun 15 01:34:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061423W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 15 01:28:15 2023
Response via : Initial Calibration

