

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062723\
 Data File : VX036342.D
 Acq On : 27 Jun 2023 11:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2023
 Supervised By : Mahesh Dadoda 06/28/2023

Quant Time: Jun 28 04:16:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	224122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	383785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	353011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	171401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168449	52.433	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.860%			
35) Dibromofluoromethane	5.379	113	136725	54.029	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.060%			
50) Toluene-d8	8.647	98	483749	51.181	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.360%			
62) 4-Bromofluorobenzene	11.079	95	182802	54.909	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.820%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	99056	46.684	ug/l	97
3) Chloromethane	1.295	50	150342	40.845	ug/l	97
4) Vinyl Chloride	1.374	62	219066	54.439	ug/l	99
5) Bromomethane	1.618	94	159090	54.029	ug/l	100
6) Chloroethane	1.691	64	122557	41.486	ug/l	97
7) Trichlorofluoromethane	1.892	101	285637	46.689	ug/l	99
8) Diethyl Ether	2.136	74	112767	47.748	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	124314	48.416	ug/l	96
10) Methyl Iodide	2.453	142	165118	53.072	ug/l	93
11) Tert butyl alcohol	3.026	59	161369	275.944	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	125971	49.457	ug/l	91
13) Acrolein	2.239	56	193964	241.511	ug/l	100
14) Allyl chloride	2.666	41	219612	53.055	ug/l	97
15) Acrylonitrile	3.069	53	379716	256.171	ug/l	99
16) Acetone	2.404	43	377096	274.617	ug/l	96
17) Carbon Disulfide	2.514	76	300633	48.059	ug/l	99
18) Methyl Acetate	2.709	43	292563	51.810	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	453341	55.074	ug/l	98
20) Methylene Chloride	2.788	84	144296	48.805	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	132041	48.580	ug/l	93
22) Diisopropyl ether	3.757	45	450748	54.344	ug/l	91
23) Vinyl Acetate	3.721	43	1686915	280.254	ug/l	97
24) 1,1-Dichloroethane	3.605	63	258929	52.970	ug/l	99
25) 2-Butanone	4.568	43	528967	268.107	ug/l	97
26) 2,2-Dichloropropane	4.477	77	218847	63.126	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	160541	52.667	ug/l	95
28) Bromochloromethane	4.898	49	131053	51.695	ug/l	90
29) Tetrahydrofuran	5.013	42	319123	254.055	ug/l	94
30) Chloroform	5.087	83	262555	53.328	ug/l	97
31) Cyclohexane	5.471	56	196326	47.687	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	224333	54.548	ug/l	99
36) 1,1-Dichloropropene	5.690	75	186558	49.457	ug/l	98
37) Ethyl Acetate	4.715	43	204401	53.166	ug/l	99
38) Carbon Tetrachloride	5.678	117	191690	55.640	ug/l	97
39) Methylcyclohexane	7.379	83	206150	45.628	ug/l	96
40) Benzene	6.038	78	556962	52.856	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062723\
 Data File : VX036342.D
 Acq On : 27 Jun 2023 11:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 28 04:16:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2023
 Supervised By : Mahesh Dadoda 06/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	114655	53.758	ug/l	95
42) 1,2-Dichloroethane	6.086	62	218941	54.627	ug/l	99
43) Isopropyl Acetate	6.336	43	345800	56.382	ug/l	97
44) Trichloroethene	7.123	130	153854	52.494	ug/l	99
45) 1,2-Dichloropropane	7.428	63	154444	53.816	ug/l	100
46) Dibromomethane	7.580	93	109954	54.429	ug/l	94
47) Bromodichloromethane	7.818	83	207250	56.731	ug/l	97
48) Methyl methacrylate	7.690	41	170757	55.839	ug/l	94
49) 1,4-Dioxane	7.732	88	68173	1005.612	ug/l #	45
51) 4-Methyl-2-Pentanone	8.574	43	1049254	265.539	ug/l	98
52) Toluene	8.714	92	349091	52.275	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	234840	63.638	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	247420	59.310	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	148856	53.635	ug/l	95
56) Ethyl methacrylate	9.116	69	237593	57.235	ug/l	97
57) 1,3-Dichloropropane	9.305	76	252280	53.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	618777	265.236	ug/l	100
59) 2-Hexanone	9.427	43	799159	276.954	ug/l	98
60) Dibromochloromethane	9.519	129	160130	59.384	ug/l	98
61) 1,2-Dibromoethane	9.610	107	161269	54.754	ug/l	100
64) Tetrachloroethene	9.275	164	130253	52.257	ug/l	99
65) Chlorobenzene	10.080	112	394196	53.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	145495	58.006	ug/l	99
67) Ethyl Benzene	10.189	91	679971	51.542	ug/l	100
68) m/p-Xylenes	10.299	106	531801	103.754	ug/l	96
69) o-Xylene	10.640	106	260861	52.702	ug/l	98
70) Styrene	10.653	104	433938	53.545	ug/l	98
71) Bromoform	10.799	173	113278	62.963	ug/l #	100
73) Isopropylbenzene	10.964	105	652944	50.549	ug/l	98
74) N-amyl acetate	10.842	43	299273	58.575	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	227680	52.051	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	192647m	52.693	ug/l	
77) Bromobenzene	11.195	156	165185	52.008	ug/l	92
78) n-propylbenzene	11.305	91	771326	51.131	ug/l	99
79) 2-Chlorotoluene	11.366	91	462227	51.508	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	563088	51.475	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	73720	65.729	ug/l	88
82) 4-Chlorotoluene	11.451	91	549341	52.581	ug/l	97
83) tert-Butylbenzene	11.713	119	530259	50.580	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	558345	51.592	ug/l	95
85) sec-Butylbenzene	11.890	105	659000	49.619	ug/l	99
86) p-Isopropyltoluene	12.006	119	565594	50.744	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	311682	53.374	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	313432	52.712	ug/l	97
89) n-Butylbenzene	12.329	91	515676	51.986	ug/l	98
90) Hexachloroethane	12.536	117	92149	54.586	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	306316	53.273	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	50891	61.253	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	206286	58.245	ug/l	96
94) Hexachlorobutadiene	13.725	225	75858	52.298	ug/l	96
95) Naphthalene	13.774	128	683936	58.453	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	202024	58.477	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062723\
Data File : VX036342.D
Acq On : 27 Jun 2023 11:30
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/28/2023
Supervised By :Mahesh Dadoda 06/28/2023

Quant Time: Jun 28 04:16:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

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

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

