

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040241.D
 Acq On : 15 Feb 2024 10:53
 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 02/16/2024
 Supervised By : Mahesh Dadoda 02/16/2024

Quant Time: Feb 16 00:44:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	77602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54831	47.494	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.980%		
35) Dibromofluoromethane	5.379	113	45200	49.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.420%		
50) Toluene-d8	8.647	98	164559	48.380	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.760%		
62) 4-Bromofluorobenzene	11.079	95	68979	49.725	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44766	51.069	ug/l	94
3) Chloromethane	1.294	50	41764	46.203	ug/l	98
4) Vinyl Chloride	1.374	62	45494	47.625	ug/l	100
5) Bromomethane	1.599	94	33078	61.363	ug/l	98
6) Chloroethane	1.684	64	28284	46.948	ug/l	100
7) Trichlorofluoromethane	1.886	101	73297	47.780	ug/l	100
8) Diethyl Ether	2.130	74	28321	49.146	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	41786	50.780	ug/l	95
10) Methyl Iodide	2.453	142	52378	57.334	ug/l	91
11) Tert butyl alcohol	2.959	59	54195	240.999	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	38827	49.006	ug/l	89
13) Acrolein	2.233	56	55561	267.682	ug/l	99
14) Allyl chloride	2.660	41	65499	47.638	ug/l #	96
15) Acrylonitrile	3.056	53	127046	252.498	ug/l	99
16) Acetone	2.373	43	124118	261.765	ug/l	93
17) Carbon Disulfide	2.514	76	96430	46.102	ug/l	99
18) Methyl Acetate	2.703	43	55331	43.530	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	142711	51.129	ug/l	98
20) Methylene Chloride	2.788	84	46182	52.019	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	42501	47.101	ug/l	89
22) Diisopropyl ether	3.757	45	144255	51.733	ug/l	91
23) Vinyl Acetate	3.715	43	661249	266.012	ug/l	97
24) 1,1-Dichloroethane	3.605	63	79798	49.128	ug/l	99
25) 2-Butanone	4.544	43	182419	246.122	ug/l	95
26) 2,2-Dichloropropane	4.471	77	62208	49.752	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	50626	49.181	ug/l	93
28) Bromochloromethane	4.891	49	37637	54.576	ug/l	90
29) Tetrahydrofuran	4.995	42	116397	241.053	ug/l	94
30) Chloroform	5.092	83	87350	49.740	ug/l	97
31) Cyclohexane	5.470	56	65824	47.801	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	72819	49.289	ug/l	99
36) 1,1-Dichloropropene	5.690	75	60869	47.787	ug/l	96
37) Ethyl Acetate	4.708	43	70404	49.674	ug/l	98
38) Carbon Tetrachloride	5.672	117	60579	50.020	ug/l	96
39) Methylcyclohexane	7.379	83	72814	49.189	ug/l	95
40) Benzene	6.031	78	178566	50.131	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040241.D
 Acq On : 15 Feb 2024 10:53
 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 02/16/2024
 Supervised By : Mahesh Dadoda 02/16/2024

Quant Time: Feb 16 00:44:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	37762	50.259	ug/l	92
42) 1,2-Dichloroethane	6.086	62	69760	50.105	ug/l	97
43) Isopropyl Acetate	6.336	43	115330	52.127	ug/l	98
44) Trichloroethene	7.123	130	47671	48.518	ug/l	99
45) 1,2-Dichloropropane	7.427	63	48156	51.941	ug/l	98
46) Dibromomethane	7.580	93	36458	53.393	ug/l	95
47) Bromodichloromethane	7.818	83	68914	52.379	ug/l	98
48) Methyl methacrylate	7.689	41	57000	50.349	ug/l	91
49) 1,4-Dioxane	7.653	88	23986	973.922	ug/l #	91
51) 4-Methyl-2-Pentanone	8.567	43	388967	257.498	ug/l	99
52) Toluene	8.714	92	117817	50.497	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	74660	47.745	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	79837	54.145	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	51956	52.211	ug/l	93
56) Ethyl methacrylate	9.116	69	80447	54.000	ug/l	96
57) 1,3-Dichloropropane	9.305	76	84596	52.083	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	170794	242.351	ug/l	98
59) 2-Hexanone	9.427	43	310677	259.406	ug/l	99
60) Dibromochloromethane	9.518	129	53837	53.101	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55255	52.238	ug/l	99
64) Tetrachloroethene	9.275	164	43028	49.243	ug/l	96
65) Chlorobenzene	10.079	112	131404	50.494	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	48112	53.381	ug/l	99
67) Ethyl Benzene	10.189	91	240400	51.869	ug/l	98
68) m/p-Xylenes	10.299	106	183011	104.552	ug/l	99
69) o-Xylene	10.640	106	88981	52.310	ug/l	97
70) Styrene	10.652	104	152686	53.989	ug/l	98
71) Bromoform	10.799	173	41711	49.301	ug/l #	98
73) Isopropylbenzene	10.963	105	243409	49.083	ug/l	99
74) N-amyl acetate	10.841	43	112416	52.885	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	89328	50.137	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	73727m	51.709	ug/l	
77) Bromobenzene	11.195	156	60080	51.294	ug/l	95
78) n-propylbenzene	11.305	91	298112	49.653	ug/l	99
79) 2-Chlorotoluene	11.360	91	176043	48.557	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	211132	50.571	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24413	48.217	ug/l	94
82) 4-Chlorotoluene	11.451	91	206288	48.023	ug/l	97
83) tert-Butylbenzene	11.713	119	203069	49.612	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	213024	50.433	ug/l	99
85) sec-Butylbenzene	11.890	105	264241	50.232	ug/l	100
86) p-Isopropyltoluene	12.006	119	216364	50.177	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	116860	50.354	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	119993	48.828	ug/l	99
89) n-Butylbenzene	12.329	91	206072	49.508	ug/l	97
90) Hexachloroethane	12.536	117	36379	53.486	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	115077	51.222	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21428	52.109	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	75348	48.988	ug/l	98
94) Hexachlorobutadiene	13.725	225	30400	49.523	ug/l	98
95) Naphthalene	13.774	128	246923	50.830	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	74016	50.485	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
Data File : VX040241.D
Acq On : 15 Feb 2024 10:53
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 02/16/2024
Supervised By :Mahesh Dadoda 02/16/2024

Quant Time: Feb 16 00:44:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

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

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

