

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034601.D
 Acq On : 18 Mar 2023 00:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 20 01:58:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	257469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	431897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	191431	51.107	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.220%			
35) Dibromofluoromethane	5.379	113	144122	50.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	8.647	98	584021	54.863	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.720%			
62) 4-Bromofluorobenzene	11.079	95	222902	51.840	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108473	45.192	ug/l	98
3) Chloromethane	1.307	50	147271	40.248	ug/l	100
4) Vinyl Chloride	1.374	62	149237	45.662	ug/l	97
5) Bromomethane	1.599	94	78098	47.361	ug/l	94
6) Chloroethane	1.678	64	96350	51.202	ug/l	98
7) Trichlorofluoromethane	1.880	101	252612	51.439	ug/l	99
8) Diethyl Ether	2.130	74	92322	51.499	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	138321	48.331	ug/l	99
10) Methyl Iodide	2.447	142	177026	47.113	ug/l	96
11) Tert butyl alcohol	2.959	59	208195	266.915	ug/l	99
12) 1,1-Dichloroethene	2.313	96	128877	45.724	ug/l	97
13) Acrolein	2.233	56	145222	235.346	ug/l	99
14) Allyl chloride	2.660	41	248209	43.436	ug/l	98
15) Acrylonitrile	3.056	53	427015	253.429	ug/l	98
16) Acetone	2.373	43	382271	216.659	ug/l	98
17) Carbon Disulfide	2.508	76	287037	36.187	ug/l	100
18) Methyl Acetate	2.697	43	287856	49.930	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	484477	48.006	ug/l	99
20) Methylene Chloride	2.782	84	152426	44.513	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	137576	45.960	ug/l	99
22) Diisopropyl ether	3.757	45	528092	48.471	ug/l	91
23) Vinyl Acetate	3.715	43	2031521	245.004	ug/l	99
24) 1,1-Dichloroethane	3.605	63	275626	47.062	ug/l	99
25) 2-Butanone	4.550	43	623212	246.856	ug/l	100
26) 2,2-Dichloropropane	4.471	77	188623	37.052	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	166477	46.200	ug/l	99
28) Bromochloromethane	4.891	49	136406	50.091	ug/l	98
29) Tetrahydrofuran	4.995	42	398471	255.787	ug/l	100
30) Chloroform	5.086	83	284074	49.483	ug/l	98
31) Cyclohexane	5.458	56	240858	45.851	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	246360	48.475	ug/l	99
36) 1,1-Dichloropropene	5.684	75	204298	46.645	ug/l	99
37) Ethyl Acetate	4.708	43	240661	50.296	ug/l	99
38) Carbon Tetrachloride	5.672	117	209627	48.111	ug/l	97
39) Methylcyclohexane	7.379	83	247048	47.133	ug/l	96
40) Benzene	6.031	78	596119	46.526	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034601.D
 Acq On : 18 Mar 2023 00:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 20 01:58:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	133707	50.989	ug/l	98
42) 1,2-Dichloroethane	6.080	62	240718	51.120	ug/l	99
43) Isopropyl Acetate	6.330	43	401213	49.496	ug/l	100
44) Trichloroethene	7.123	130	150798	45.297	ug/l	100
45) 1,2-Dichloropropane	7.427	63	160428	47.954	ug/l	98
46) Dibromomethane	7.574	93	111035	48.819	ug/l	99
47) Bromodichloromethane	7.818	83	217765	49.471	ug/l	97
48) Methyl methacrylate	7.690	41	201938	51.799	ug/l	97
49) 1,4-Dioxane	7.653	88	92053	1124.196	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	1411761	300.228	ug/l	99
52) Toluene	8.714	92	433111	54.600	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	276502	55.756	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	286692	53.435	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	181939	57.793	ug/l	97
56) Ethyl methacrylate	9.116	69	298011	57.655	ug/l	97
57) 1,3-Dichloropropane	9.305	76	319682	57.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	718606	269.766	ug/l	99
59) 2-Hexanone	9.427	43	1098855	302.302	ug/l	99
60) Dibromochloromethane	9.519	129	191918	58.127	ug/l	98
61) 1,2-Dibromoethane	9.610	107	189218	55.699	ug/l	100
64) Tetrachloroethene	9.269	164	145531	49.172	ug/l	95
65) Chlorobenzene	10.079	112	450850	46.638	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	168387	47.826	ug/l	98
67) Ethyl Benzene	10.195	91	838246	48.436	ug/l	98
68) m/p-Xylenes	10.299	106	578052	86.951	ug/l	98
69) o-Xylene	10.640	106	285686	42.821	ug/l	97
70) Styrene	10.652	104	487440	45.285	ug/l	99
71) Bromoform	10.799	173	118587	43.756	ug/l	99
73) Isopropylbenzene	10.963	105	767303	47.397	ug/l	100
74) N-amyl acetate	10.841	43	386312	49.821	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	262398	48.573	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	219876m	45.717	ug/l	
77) Bromobenzene	11.195	156	182459	46.976	ug/l	99
78) n-propylbenzene	11.305	91	912680	48.816	ug/l	99
79) 2-Chlorotoluene	11.366	91	555162	48.079	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	661020	48.680	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	74388	41.842	ug/l	92
82) 4-Chlorotoluene	11.451	91	649120	48.805	ug/l	100
83) tert-Butylbenzene	11.713	119	668427	48.823	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	659883	47.551	ug/l	99
85) sec-Butylbenzene	11.890	105	820372	49.014	ug/l	100
86) p-Isopropyltoluene	12.012	119	682202	48.497	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	355135	46.665	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	356150	46.283	ug/l	99
89) n-Butylbenzene	12.335	91	612315	48.964	ug/l	99
90) Hexachloroethane	12.536	117	121285	46.596	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	348576	47.396	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59303	48.317	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	213236	46.364	ug/l	99
94) Hexachlorobutadiene	13.725	225	86504	46.687	ug/l	98
95) Naphthalene	13.774	128	740316	48.002	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	213778	47.551	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
Data File : VX034601.D
Acq On : 18 Mar 2023 00:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

Quant Time: Mar 20 01:58:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

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

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

