

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034599.D
 Acq On : 17 Mar 2023 21:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Mar 20 00:09:49 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)

Internal Standards						
1) Pentafluorobenzene	5.550	168	251561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436255	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	188974	51.636	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.280%			
35) Dibromofluoromethane	5.385	113	145141	50.390	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.780%			
50) Toluene-d8	8.647	98	532125	49.488	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.980%			
62) 4-Bromofluorobenzene	11.079	95	252271	58.084	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	97160	41.429	ug/l	100
3) Chloromethane	1.307	50	138108	38.576	ug/l	99
4) Vinyl Chloride	1.374	62	137485	43.054	ug/l	100
5) Bromomethane	1.599	94	71399	44.315	ug/l	94
6) Chloroethane	1.678	64	90909	49.445	ug/l	99
7) Trichlorofluoromethane	1.880	101	229118	47.751	ug/l	99
8) Diethyl Ether	2.130	74	86712	49.505	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	121928	43.603	ug/l	99
10) Methyl Iodide	2.447	142	166725	45.414	ug/l	98
11) Tert butyl alcohol	2.965	59	209204	274.508	ug/l	100
12) 1,1-Dichloroethene	2.313	96	118270	42.946	ug/l	92
13) Acrolein	2.233	56	166510	276.182	ug/l	100
14) Allyl chloride	2.660	41	234006	41.912	ug/l	97
15) Acrylonitrile	3.062	53	417996	253.902	ug/l	99
16) Acetone	2.380	43	377987	219.262	ug/l	98
17) Carbon Disulfide	2.508	76	260888	33.663	ug/l	100
18) Methyl Acetate	2.703	43	286606	50.881	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	461992	46.854	ug/l	99
20) Methylene Chloride	2.788	84	147246	44.010	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	127793	43.695	ug/l	97
22) Diisopropyl ether	3.757	45	496961	46.685	ug/l	95
23) Vinyl Acetate	3.721	43	1948101	240.462	ug/l	98
24) 1,1-Dichloroethane	3.611	63	258283	45.137	ug/l	99
25) 2-Butanone	4.556	43	610481	247.492	ug/l	99
26) 2,2-Dichloropropane	4.471	77	184285	37.050	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	157035	44.603	ug/l	100
28) Bromochloromethane	4.904	49	114960	43.207	ug/l	98
29) Tetrahydrofuran	5.001	42	394695	259.313	ug/l	99
30) Chloroform	5.092	83	266558	47.522	ug/l	99
31) Cyclohexane	5.470	56	215904	42.066	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	225940	45.501	ug/l	98
36) 1,1-Dichloropropene	5.690	75	185401	41.908	ug/l	99
37) Ethyl Acetate	4.715	43	235408	48.707	ug/l	99
38) Carbon Tetrachloride	5.678	117	189968	43.164	ug/l	96
39) Methylcyclohexane	7.379	83	214327	40.482	ug/l	96
40) Benzene	6.037	78	559331	43.218	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034599.D
 Acq On : 17 Mar 2023 21:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Mar 20 00:09:49 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)
41) Methacrylonitrile	4.922	41	129829	49.015	ug/l	99
42) 1,2-Dichloroethane	6.086	62	226612	47.643	ug/l	99
43) Isopropyl Acetate	6.342	43	389355	47.554	ug/l	100
44) Trichloroethene	7.123	130	140723	41.849	ug/l	98
45) 1,2-Dichloropropane	7.427	63	151954	44.967	ug/l	98
46) Dibromomethane	7.580	93	104258	45.381	ug/l	100
47) Bromodichloromethane	7.824	83	204015	45.884	ug/l	98
48) Methyl methacrylate	7.690	41	189343	48.083	ug/l	98
49) 1,4-Dioxane	7.659	88	87755	1061.001	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1246732	262.484	ug/l	98
52) Toluene	8.720	92	357495	44.617	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	223493	44.617	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	235017	43.366	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	153150	48.162	ug/l	98
56) Ethyl methacrylate	9.116	69	248594	47.614	ug/l	97
57) 1,3-Dichloropropane	9.305	76	262491	46.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	651498	242.131	ug/l	99
59) 2-Hexanone	9.433	43	959524	261.334	ug/l	99
60) Dibromochloromethane	9.519	129	153605	46.058	ug/l	99
61) 1,2-Dibromoethane	9.610	107	158582	46.215	ug/l	100
64) Tetrachloroethene	9.275	164	115701	43.278	ug/l	98
65) Chlorobenzene	10.079	112	386008	44.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	142642	44.851	ug/l	99
67) Ethyl Benzene	10.195	91	709965	45.416	ug/l	100
68) m/p-Xylenes	10.299	106	542953	90.414	ug/l	98
69) o-Xylene	10.640	106	270679	44.915	ug/l	100
70) Styrene	10.652	104	455816	46.880	ug/l	100
71) Bromoform	10.799	173	116828	47.722	ug/l #	99
73) Isopropylbenzene	10.963	105	795053	46.776	ug/l	99
74) N-amyl acetate	10.841	43	389732	47.872	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	277237	48.879	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	234951m	46.529	ug/l	
77) Bromobenzene	11.201	156	190365	46.681	ug/l	98
78) n-propylbenzene	11.305	91	925223	47.134	ug/l	99
79) 2-Chlorotoluene	11.366	91	584457	48.209	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	688846	48.318	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	78475	42.043	ug/l	93
82) 4-Chlorotoluene	11.457	91	670410	48.009	ug/l	99
83) tert-Butylbenzene	11.713	119	687754	47.846	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	690234	47.373	ug/l	97
85) sec-Butylbenzene	11.890	105	823199	46.844	ug/l	99
86) p-Isopropyltoluene	12.012	119	672961	45.565	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	350138	43.821	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	350330	43.362	ug/l	99
89) n-Butylbenzene	12.335	91	599473	45.658	ug/l	99
90) Hexachloroethane	12.542	117	120889	44.236	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	354725	45.939	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62539	48.531	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	194944	40.371	ug/l	98
94) Hexachlorobutadiene	13.725	225	76623	39.388	ug/l	98
95) Naphthalene	13.774	128	692102	42.742	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	190705	40.402	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
Data File : VX034599.D
Acq On : 17 Mar 2023 21:04
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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

Quant Time: Mar 20 00:09:49 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

