

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038078.D
 Acq On : 04 Oct 2023 20:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 01:07:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	156941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145509	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	131589	53.887	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.780%	
35) Dibromofluoromethane	5.385	113	104078	55.610	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.220%	
50) Toluene-d8	8.653	98	385622	53.839	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.680%	
62) 4-Bromofluorobenzene	11.079	95	147290	56.503	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.000%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	105956	67.754	ug/l	100
3) Chloromethane	1.301	50	104722	50.866	ug/l	97
4) Vinyl Chloride	1.374	62	110254	59.336	ug/l	98
5) Bromomethane	1.599	94	122674	50.210	ug/l	100
6) Chloroethane	1.679	64	80367	57.615	ug/l	95
7) Trichlorofluoromethane	1.886	101	203114	55.417	ug/l	100
8) Diethyl Ether	2.136	74	74757	55.775	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	83524	52.341	ug/l	98
10) Methyl Iodide	2.453	142	123648	75.126	ug/l	96
11) Tert butyl alcohol	2.965	59	153564	279.957	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	83620	56.273	ug/l	88
13) Acrolein	2.233	56	104821	334.052	ug/l	99
14) Allyl chloride	2.666	41	143075	54.328	ug/l	97
15) Acrylonitrile	3.062	53	324157	284.329	ug/l	99
16) Acetone	2.380	43	278752	259.929	ug/l	94
17) Carbon Disulfide	2.508	76	213035	50.687	ug/l	100
18) Methyl Acetate	2.703	43	261800	56.784	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	327682	57.100	ug/l	98
20) Methylene Chloride	2.788	84	104002	54.140	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	98258	55.034	ug/l	91
22) Diisopropyl ether	3.764	45	298464	54.235	ug/l #	87
23) Vinyl Acetate	3.721	43	1091261	275.633	ug/l	98
24) 1,1-Dichloroethane	3.611	63	179123	53.626	ug/l	100
25) 2-Butanone	4.556	43	458932	271.431	ug/l	93
26) 2,2-Dichloropropane	4.477	77	109774	41.843	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	116184	55.813	ug/l	90
28) Bromochloromethane	4.904	49	87777	55.852	ug/l	89
29) Tetrahydrofuran	5.007	42	298504	273.743	ug/l	88
30) Chloroform	5.099	83	196500	54.005	ug/l	97
31) Cyclohexane	5.471	56	146026	51.138	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	167812	55.445	ug/l	98
36) 1,1-Dichloropropene	5.696	75	139862	50.708	ug/l	98
37) Ethyl Acetate	4.715	43	170173	54.935	ug/l	96
38) Carbon Tetrachloride	5.678	117	141417	52.689	ug/l	97
39) Methylcyclohexane	7.379	83	163207	50.065	ug/l	94
40) Benzene	6.038	78	406126	52.197	ug/l	99

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41) Methacrylonitrile	4.922	41	86071	55.494	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	159360	52.227	ug/l	99
43) Isopropyl Acetate	6.342	43	259255	54.021	ug/l	96
44) Trichloroethene	7.129	130	105133	50.070	ug/l	98
45) 1,2-Dichloropropane	7.434	63	103832	52.420	ug/l	98
46) Dibromomethane	7.580	93	78400	51.110	ug/l	98
47) Bromodichloromethane	7.824	83	142476	53.351	ug/l	99
48) Methyl methacrylate	7.696	41	123639	53.583	ug/l	87
49) 1,4-Dioxane	7.659	88	61511	1189.217	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	888772	266.552	ug/l	97
52) Toluene	8.720	92	262002	52.026	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	154067	54.769	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	162297	54.220	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	110773	54.168	ug/l	95
56) Ethyl methacrylate	9.116	69	175390	57.064	ug/l	94
57) 1,3-Dichloropropane	9.311	76	178858	52.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	416356	265.047	ug/l	100
59) 2-Hexanone	9.433	43	716053	268.451	ug/l	95
60) Dibromochloromethane	9.525	129	110978	56.393	ug/l	100
61) 1,2-Dibromoethane	9.610	107	122114	55.077	ug/l	100
64) Tetrachloroethene	9.275	164	91707	51.963	ug/l	99
65) Chlorobenzene	10.079	112	281369	50.533	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	100950	54.371	ug/l	99
67) Ethyl Benzene	10.195	91	513653	51.283	ug/l	99
68) m/p-Xylenes	10.299	106	394761	102.914	ug/l	100
69) o-Xylene	10.640	106	194432	53.376	ug/l	100
70) Styrene	10.659	104	326374	54.245	ug/l	98
71) Bromoform	10.799	173	78969	55.948	ug/l #	100
73) Isopropylbenzene	10.963	105	513014	51.951	ug/l	99
74) N-amyl acetate	10.842	43	234229	52.704	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	190797	51.620	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	151926m	45.072	ug/l	
77) Bromobenzene	11.201	156	121798	50.307	ug/l	94
78) n-propylbenzene	11.305	91	622610	51.311	ug/l	100
79) 2-Chlorotoluene	11.366	91	362532	51.453	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	446444	53.119	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	50172	50.269	ug/l	96
82) 4-Chlorotoluene	11.457	91	430733	50.722	ug/l	98
83) tert-Butylbenzene	11.713	119	438230	52.449	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	444319	52.417	ug/l	98
85) sec-Butylbenzene	11.890	105	564811	52.124	ug/l	100
86) p-Isopropyltoluene	12.006	119	471704	53.157	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	242040	49.857	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	250282	49.393	ug/l	98
89) n-Butylbenzene	12.335	91	458491	51.769	ug/l	97
90) Hexachloroethane	12.536	117	76349	52.790	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	236433	51.177	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46858	55.707	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	156705	48.898	ug/l	97
94) Hexachlorobutadiene	13.725	225	61670	45.097	ug/l	99
95) Naphthalene	13.774	128	639376	59.186	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	153343	49.478	ug/l	98

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

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Acq On : 04 Oct 2023 20:15
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Sample : VSTDC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDC050EC

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