

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028813.D
 Acq On : 19 May 2022 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 19 17:51:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/20/2022
 Supervised By : Mahesh Dadoda 05/20/2022

05/20/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	215653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	353923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174801	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	152747	51.672	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.340%	
35) Dibromofluoromethane	5.385	113	124729	53.789	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.580%	
50) Toluene-d8	8.647	98	459556	52.566	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	11.079	95	224532	68.761	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 137.520%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	136284	48.263	ug/l	99
3) Chloromethane	1.288	50	126267	47.481	ug/l	100
4) Vinyl Chloride	1.374	62	144421	50.394	ug/l	99
5) Bromomethane	1.599	94	88644	42.963	ug/l	100
6) Chloroethane	1.679	64	92714	51.420	ug/l	99
7) Trichlorofluoromethane	1.880	101	262549	57.462	ug/l	97
8) Diethyl Ether	2.136	74	89659	53.854	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	124243	51.673	ug/l	96
10) Methyl Iodide	2.447	142	148247	51.500	ug/l	95
11) Tert butyl alcohol	2.965	59	149813	238.434	ug/l	99
12) 1,1-Dichloroethene	2.319	96	114569	51.332	ug/l	99
13) Acrolein	2.233	56	118310	243.833	ug/l	96
14) Allyl chloride	2.660	41	182892	51.092	ug/l	91
15) Acrylonitrile	3.062	53	358545	251.741	ug/l	99
16) Acetone	2.380	43	325387	256.475	ug/l	94
17) Carbon Disulfide	2.508	76	280728	48.522	ug/l	100
18) Methyl Acetate	2.703	43	164478	51.762	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	414981	52.395	ug/l	99
20) Methylene Chloride	2.788	84	131091	49.252	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	126216	50.205	ug/l	99
22) Diisopropyl ether	3.757	45	388248	50.753	ug/l #	85
23) Vinyl Acetate	3.721	43	1721725	261.078	ug/l	97
24) 1,1-Dichloroethane	3.605	63	226304	50.887	ug/l	99
25) 2-Butanone	4.550	43	498961	250.554	ug/l	96
26) 2,2-Dichloropropane	4.477	77	186486	53.482	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	150010	51.089	ug/l	98
28) Bromochloromethane	4.891	49	84875	45.341	ug/l	95
29) Tetrahydrofuran	5.001	42	316593	244.576	ug/l	93
30) Chloroform	5.093	83	246884	51.295	ug/l	99
31) Cyclohexane	5.471	56	200390	48.837	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	217479	51.759	ug/l	99
36) 1,1-Dichloropropene	5.690	75	179188	51.448	ug/l	100
37) Ethyl Acetate	4.708	43	188201	51.735	ug/l	97
38) Carbon Tetrachloride	5.678	117	192620	54.955	ug/l	98
39) Methylcyclohexane	7.379	83	215926	54.060	ug/l	96
40) Benzene	6.038	78	523320	52.281	ug/l	99

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41) Methacrylonitrile	4.916	41	102494	52.547	ug/l	93
42) 1,2-Dichloroethane	6.086	62	197026	53.363	ug/l	98
43) Isopropyl Acetate	6.336	43	302756	53.198	ug/l	96
44) Trichloroethene	7.123	130	145205	53.488	ug/l	99
45) 1,2-Dichloropropane	7.428	63	134003	53.657	ug/l	100
46) Dibromomethane	7.580	93	99433	53.314	ug/l	93
47) Bromodichloromethane	7.824	83	190583	55.040	ug/l	99
48) Methyl methacrylate	7.690	41	149518	54.385	ug/l	86
49) 1,4-Dioxane	7.659	88	65541	954.278	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1003256	267.627	ug/l	94
52) Toluene	8.720	92	338659	52.595	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	202693	50.825	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	219143	56.246	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	142312	54.201	ug/l	98
56) Ethyl methacrylate	9.116	69	220138	55.365	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	235683	53.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	560278	287.817	ug/l	98
59) 2-Hexanone	9.433	43	831962	285.655	ug/l	91
60) Dibromochloromethane	9.525	129	162221	63.350	ug/l	98
61) 1,2-Dibromoethane	9.610	107	161982	58.738	ug/l	99
64) Tetrachloroethene	9.275	164	138187	50.951	ug/l	99
65) Chlorobenzene	10.079	112	405969	53.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	171693	63.613	ug/l	99
67) Ethyl Benzene	10.195	91	814065	59.609	ug/l	99
68) m/p-Xylenes	10.305	106	632390	118.940	ug/l	96
69) o-Xylene	10.640	106	312528	59.702	ug/l	97
70) Styrene	10.659	104	528579	62.179	ug/l	97
71) Bromoform	10.799	173	132798	59.027	ug/l	99
73) Isopropylbenzene	10.963	105	826731	62.366	ug/l	98
74) N-amyl acetate	10.842	43	323650	62.111	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	244607	53.788	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	232909m	56.895	ug/l	
77) Bromobenzene	11.201	156	184629	58.864	ug/l	97
78) n-propylbenzene	11.305	91	867021	56.544	ug/l	100
79) 2-Chlorotoluene	11.366	91	482241	51.313	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	592737	53.663	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	80214	57.801	ug/l #	85
82) 4-Chlorotoluene	11.457	91	565464	52.046	ug/l	100
83) tert-Butylbenzene	11.713	119	574827	53.750	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	591103	53.366	ug/l	100
85) sec-Butylbenzene	11.890	105	713880	54.116	ug/l	100
86) p-Isopropyltoluene	12.012	119	611736	55.263	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	320484	52.094	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	321581	50.395	ug/l	98
89) n-Butylbenzene	12.335	91	532807	55.553	ug/l	98
90) Hexachloroethane	12.542	117	100520	56.154	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	314392	52.021	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	50831	52.347	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	185203	53.058	ug/l	99
94) Hexachlorobutadiene	13.725	225	76984	54.288	ug/l	94
95) Naphthalene	13.780	128	661512	53.256	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	184359	52.586	ug/l	97

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

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