

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
 Data File : VX029987.D
 Acq On : 11 Jul 2022 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 12 02:01:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	196710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	322640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	114634	46.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.080%		
35) Dibromofluoromethane	5.391	113	110254	54.681	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.360%		
50) Toluene-d8	8.647	98	400247	52.913	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.820%		
62) 4-Bromofluorobenzene	11.079	95	146191	54.675	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	91729	47.819	ug/l	99
3) Chloromethane	1.288	50	85940	38.883	ug/l	100
4) Vinyl Chloride	1.374	62	101448	46.150	ug/l	95
5) Bromomethane	1.611	94	38681	31.937	ug/l	94
6) Chloroethane	1.685	64	58735	46.033	ug/l	97
7) Trichlorofluoromethane	1.886	101	144966	51.373	ug/l	97
8) Diethyl Ether	2.136	74	60315	47.685	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	99730	50.553	ug/l	96
10) Methyl Iodide	2.453	142	71602	27.370	ug/l	99
11) Tert butyl alcohol	2.977	59	125490	192.705	ug/l	99
12) 1,1-Dichloroethene	2.319	96	96973	47.868	ug/l	93
13) Acrolein	2.239	56	67520	220.750	ug/l	99
14) Allyl chloride	2.660	41	168470	45.061	ug/l	98
15) Acrylonitrile	3.068	53	336411	221.285	ug/l	99
16) Acetone	2.386	43	261452	214.623	ug/l	99
17) Carbon Disulfide	2.514	76	230551	45.769	ug/l	98
18) Methyl Acetate	2.703	43	167917	44.711	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	321172	46.958	ug/l	98
20) Methylene Chloride	2.788	84	110953	43.127	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	100187	45.090	ug/l	92
22) Diisopropyl ether	3.763	45	337195	44.631	ug/l	86
23) Vinyl Acetate	3.721	43	1449321	221.800	ug/l	98
24) 1,1-Dichloroethane	3.611	63	184414	46.284	ug/l	99
25) 2-Butanone	4.556	43	455977	215.656	ug/l	98
26) 2,2-Dichloropropane	4.477	77	142756	54.589	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	126120	48.074	ug/l	97
28) Bromochloromethane	4.897	49	69277	43.381	ug/l	90
29) Tetrahydrofuran	5.007	42	300400	215.892	ug/l	98
30) Chloroform	5.093	83	190303	48.707	ug/l	98
31) Cyclohexane	5.464	56	158046	45.523	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	157315	50.564	ug/l	99
36) 1,1-Dichloropropene	5.690	75	132840	49.535	ug/l	97
37) Ethyl Acetate	4.708	43	170563	46.503	ug/l	98
38) Carbon Tetrachloride	5.678	117	138237	59.489	ug/l	96
39) Methylcyclohexane	7.379	83	175519	54.131	ug/l	98
40) Benzene	6.037	78	436065	50.287	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	92499	47.441	ug/l	96
42) 1,2-Dichloroethane	6.086	62	134853	50.671	ug/l	99
43) Isopropyl Acetate	6.342	43	267010	48.344	ug/l	99
44) Trichloroethene	7.123	130	123503	52.885	ug/l	96
45) 1,2-Dichloropropane	7.427	63	115262	50.316	ug/l	97
46) Dibromomethane	7.580	93	79705	53.188	ug/l	97
47) Bromodichloromethane	7.824	83	155284	57.811	ug/l	97
48) Methyl methacrylate	7.690	41	124527	47.553	ug/l	98
49) 1,4-Dioxane	7.677	88	60665	978.320	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	875429	240.372	ug/l	99
52) Toluene	8.720	92	271974	51.976	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	162222	56.674	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	180796	55.895	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	119325	52.342	ug/l	99
56) Ethyl methacrylate	9.116	69	180264	50.152	ug/l	98
57) 1,3-Dichloropropane	9.311	76	187125	51.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	348273	203.061	ug/l	97
59) 2-Hexanone	9.433	43	679610	240.454	ug/l	99
60) Dibromochloromethane	9.519	129	124254	61.688	ug/l	98
61) 1,2-Dibromoethane	9.610	107	121281	52.059	ug/l	100
64) Tetrachloroethene	9.275	164	114245	65.698	ug/l	94
65) Chlorobenzene	10.079	112	297515	51.409	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	109927	56.850	ug/l	98
67) Ethyl Benzene	10.195	91	521416	51.800	ug/l	99
68) m/p-Xylenes	10.299	106	408835	105.900	ug/l	97
69) o-Xylene	10.640	106	203401	52.016	ug/l	98
70) Styrene	10.659	104	340293	52.646	ug/l	100
71) Bromoform	10.799	173	94095	68.221	ug/l #	98
73) Isopropylbenzene	10.963	105	523666	50.123	ug/l	98
74) N-amyl acetate	10.841	43	229621	44.390	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	187672	45.628	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	172244m	49.833	ug/l	
77) Bromobenzene	11.201	156	125899	50.101	ug/l	95
78) n-propylbenzene	11.305	91	625744	50.783	ug/l	99
79) 2-Chlorotoluene	11.366	91	360155	49.162	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	431931	49.800	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	64499	59.262	ug/l	95
82) 4-Chlorotoluene	11.457	91	409228	49.032	ug/l	98
83) tert-Butylbenzene	11.713	119	431015	50.143	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	440749	50.729	ug/l	100
85) sec-Butylbenzene	11.890	105	574264	53.017	ug/l	99
86) p-Isopropyltoluene	12.012	119	464815	53.765	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	243755	50.522	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	247624	50.299	ug/l	98
89) n-Butylbenzene	12.335	91	436505	53.714	ug/l	98
90) Hexachloroethane	12.536	117	90031	63.839	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	242166	51.091	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42837	49.840	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	160453	55.861	ug/l	98
94) Hexachlorobutadiene	13.725	225	61395	57.780	ug/l	98
95) Naphthalene	13.774	128	592157	50.777	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	161905	55.058	ug/l	98

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

