

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027576.D
 Acq On : 19 Mar 2022 21:28
 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 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 21 01:28:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	308770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	481997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	438561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	193038	50.750	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.500%			
35) Dibromofluoromethane	5.391	113	172401	55.594	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.180%			
50) Toluene-d8	8.653	98	627456	53.469	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.940%			
62) 4-Bromofluorobenzene	11.085	95	225391	52.256	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	150554	50.798	ug/l	99
3) Chloromethane	1.294	50	133180	50.620	ug/l	100
4) Vinyl Chloride	1.374	62	157313	51.749	ug/l	100
5) Bromomethane	1.599	94	66482	41.861	ug/l	97
6) Chloroethane	1.679	64	98284	52.687	ug/l	95
7) Trichlorofluoromethane	1.880	101	228877	45.610	ug/l	97
8) Diethyl Ether	2.136	74	91616	49.013	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	148168	49.583	ug/l	93
10) Methyl Iodide	2.447	142	193410	48.895	ug/l	98
11) Tert butyl alcohol	2.971	59	169241	233.462	ug/l	100
12) 1,1-Dichloroethene	2.313	96	148708	51.866	ug/l	92
13) Acrolein	2.239	56	138883	246.886	ug/l	98
14) Allyl chloride	2.666	41	211754	47.197	ug/l	95
15) Acrylonitrile	3.069	53	443386	269.033	ug/l	99
16) Acetone	2.386	43	339384	218.897	ug/l	97
17) Carbon Disulfide	2.508	76	355256	48.695	ug/l	100
18) Methyl Acetate	2.703	43	191126	51.436	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	476371	49.245	ug/l	100
20) Methylene Chloride	2.788	84	166671	49.999	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	158706	51.892	ug/l	94
22) Diisopropyl ether	3.764	45	447324	51.054	ug/l	91
23) Vinyl Acetate	3.727	43	1908761	250.506	ug/l	98
24) 1,1-Dichloroethane	3.611	63	272428	51.122	ug/l	99
25) 2-Butanone	4.562	43	592057	253.812	ug/l	99
26) 2,2-Dichloropropane	4.477	77	163560	37.586	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	191004	53.853	ug/l	91
28) Bromochloromethane	4.904	49	116677	54.277	ug/l	87
29) Tetrahydrofuran	5.007	42	402038	268.668	ug/l	95
30) Chloroform	5.099	83	301145	51.230	ug/l	100
31) Cyclohexane	5.471	56	246980	52.290	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	264333	49.389	ug/l	98
36) 1,1-Dichloropropene	5.696	75	219974	51.907	ug/l	98
37) Ethyl Acetate	4.721	43	223951	53.034	ug/l	99
38) Carbon Tetrachloride	5.684	117	243014	50.124	ug/l	97
39) Methylcyclohexane	7.385	83	268875	50.454	ug/l	99
40) Benzene	6.044	78	660945	54.363	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	122882	53.358	ug/l	97
42) 1,2-Dichloroethane	6.092	62	235724	51.733	ug/l	98
43) Isopropyl Acetate	6.348	43	352755	51.905	ug/l	98
44) Trichloroethene	7.129	130	193433	52.410	ug/l	99
45) 1,2-Dichloropropane	7.434	63	164782	53.211	ug/l	98
46) Dibromomethane	7.586	93	123336	52.137	ug/l	98
47) Bromodichloromethane	7.824	83	229545	51.533	ug/l	98
48) Methyl methacrylate	7.696	41	176166	52.378	ug/l	94
49) 1,4-Dioxane	7.665	88	92171	1066.969	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1176225	271.124	ug/l	96
52) Toluene	8.720	92	425985	52.285	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	230950	50.518	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	256082	51.469	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	178534	53.820	ug/l	98
56) Ethyl methacrylate	9.116	69	264640	53.320	ug/l	93
57) 1,3-Dichloropropane	9.311	76	287093	53.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	667275	265.650	ug/l	98
59) 2-Hexanone	9.433	43	910204	272.408	ug/l	93
60) Dibromochloromethane	9.525	129	191241	52.370	ug/l	96
61) 1,2-Dibromoethane	9.610	107	189612	52.006	ug/l	98
64) Tetrachloroethene	9.275	164	177824	52.149	ug/l	97
65) Chlorobenzene	10.079	112	468006	51.876	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	177106	52.617	ug/l	100
67) Ethyl Benzene	10.195	91	807739	52.308	ug/l	98
68) m/p-Xylenes	10.305	106	646756	106.372	ug/l	98
69) o-Xylene	10.646	106	320532	54.295	ug/l	97
70) Styrene	10.659	104	528492	54.801	ug/l	100
71) Bromoform	10.805	173	139343	51.818	ug/l #	100
73) Isopropylbenzene	10.963	105	818170	50.909	ug/l	100
74) N-amyl acetate	10.848	43	289331	50.772	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	267549	52.555	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	243751m	52.815	ug/l	
77) Bromobenzene	11.201	156	208996	51.592	ug/l	94
78) n-propylbenzene	11.305	91	905859	51.346	ug/l	97
79) 2-Chlorotoluene	11.366	91	560765	50.670	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	697883	51.594	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	68871	45.321	ug/l	91
82) 4-Chlorotoluene	11.457	91	636913	50.546	ug/l	97
83) tert-Butylbenzene	11.719	119	692553	51.684	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	699144	51.828	ug/l	99
85) sec-Butylbenzene	11.890	105	845533	52.216	ug/l	99
86) p-Isopropyltoluene	12.012	119	724131	52.064	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	388000	51.695	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	388123	51.106	ug/l	99
89) n-Butylbenzene	12.335	91	581084	50.063	ug/l	97
90) Hexachloroethane	12.542	117	110799	49.953	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	382412	52.181	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	60062	51.441	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	238556	50.786	ug/l	99
94) Hexachlorobutadiene	13.725	225	101798	49.060	ug/l	95
95) Naphthalene	13.780	128	834928	54.601	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	242907	51.121	ug/l	96

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

