

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041322\
 Data File : VX028079.D
 Acq On : 13 Apr 2022 09:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 04:02:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	187312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	300831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116869	45.989	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.980%		
35) Dibromofluoromethane	5.379	113	96315	48.860	ug/l	-0.01
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.720%		
50) Toluene-d8	8.647	98	370548	50.401	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.800%		
62) 4-Bromofluorobenzene	11.079	95	143470	52.265	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89074	48.977	ug/l	98
3) Chloromethane	1.288	50	94102	46.751	ug/l	97
4) Vinyl Chloride	1.374	62	119303	49.301	ug/l	97
5) Bromomethane	1.599	94	152814	59.978	ug/l	97
6) Chloroethane	1.678	64	103146	51.734	ug/l	97
7) Trichlorofluoromethane	1.886	101	252402	53.184	ug/l	97
8) Diethyl Ether	2.130	74	96872	53.264	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	98307	52.069	ug/l	97
10) Methyl Iodide	2.447	142	100828	45.859	ug/l	98
11) Tert butyl alcohol	2.959	59	134092	227.322	ug/l	100
12) 1,1-Dichloroethene	2.319	96	91839	49.673	ug/l	98
13) Acrolein	2.233	56	88022	282.550	ug/l	96
14) Allyl chloride	2.660	41	155811	47.617	ug/l #	87
15) Acrylonitrile	3.062	53	300986	246.240	ug/l	98
16) Acetone	2.373	43	294921	278.549	ug/l	90
17) Carbon Disulfide	2.507	76	253560	52.187	ug/l	100
18) Methyl Acetate	2.703	43	134416	47.577	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	354614	51.071	ug/l	100
20) Methylene Chloride	2.788	84	106014	50.271	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	109231	49.319	ug/l	96
22) Diisopropyl ether	3.757	45	358146	51.005	ug/l #	82
23) Vinyl Acetate	3.721	43	1625198	260.478	ug/l	96
24) 1,1-Dichloroethane	3.605	63	195995	51.562	ug/l	98
25) 2-Butanone	4.550	43	460835	251.804	ug/l	93
26) 2,2-Dichloropropane	4.477	77	185026	52.431	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	125934	50.443	ug/l	99
28) Bromochloromethane	4.897	49	78127	47.817	ug/l	90
29) Tetrahydrofuran	5.001	42	289671	242.162	ug/l	91
30) Chloroform	5.092	83	214102	50.653	ug/l	96
31) Cyclohexane	5.464	56	177133	50.693	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	192346	50.243	ug/l	98
36) 1,1-Dichloropropene	5.690	75	155128	51.563	ug/l	99
37) Ethyl Acetate	4.708	43	177408	50.619	ug/l	95
38) Carbon Tetrachloride	5.678	117	172552	53.723	ug/l	99
39) Methylcyclohexane	7.379	83	192257	54.059	ug/l	94
40) Benzene	6.037	78	458182	52.373	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	88752	47.599	ug/l	91
42) 1,2-Dichloroethane	6.086	62	172652	52.264	ug/l	97
43) Isopropyl Acetate	6.336	43	292659	50.122	ug/l	93
44) Trichloroethene	7.123	130	125546	53.966	ug/l	100
45) 1,2-Dichloropropane	7.427	63	113745	51.592	ug/l	99
46) Dibromomethane	7.580	93	83704	51.463	ug/l	95
47) Bromodichloromethane	7.824	83	167035	53.137	ug/l	99
48) Methyl methacrylate	7.689	41	131159	49.206	ug/l #	82
49) 1,4-Dioxane	7.659	88	56376	947.413	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	937232	251.754	ug/l	91
52) Toluene	8.720	92	308278	52.818	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	193635	54.536	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	194712	52.872	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	124810	52.750	ug/l	99
56) Ethyl methacrylate	9.116	69	191711	51.547	ug/l #	77
57) 1,3-Dichloropropane	9.311	76	200175	51.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	481134	286.620	ug/l	100
59) 2-Hexanone	9.433	43	753931	258.583	ug/l	88
60) Dibromochloromethane	9.525	129	137599	54.403	ug/l	97
61) 1,2-Dibromoethane	9.610	107	136675	53.038	ug/l	99
64) Tetrachloroethene	9.275	164	123613	53.537	ug/l	98
65) Chlorobenzene	10.079	112	333219	52.478	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	125382	53.442	ug/l	99
67) Ethyl Benzene	10.195	91	610400	54.589	ug/l	99
68) m/p-Xylenes	10.305	106	489469	104.831	ug/l	99
69) o-Xylene	10.640	106	237625	52.355	ug/l	99
70) Styrene	10.658	104	402849	45.469	ug/l	98
71) Bromoform	10.799	173	108186	47.924	ug/l	99
73) Isopropylbenzene	10.963	105	632600	52.563	ug/l	99
74) N-amyl acetate	10.841	43	279263	53.691	ug/l	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	213874	50.869	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	198014m	52.502	ug/l	
77) Bromobenzene	11.201	156	153249	52.125	ug/l	96
78) n-propylbenzene	11.305	91	751101	53.700	ug/l	100
79) 2-Chlorotoluene	11.366	91	434100	51.178	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	552938	53.187	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	73961	55.232	ug/l	93
82) 4-Chlorotoluene	11.457	91	521807	52.258	ug/l	99
83) tert-Butylbenzene	11.713	119	536529	53.341	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	546453	53.688	ug/l	99
85) sec-Butylbenzene	11.890	105	684280	53.302	ug/l	100
86) p-Isopropyltoluene	12.012	119	594045	54.609	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	307072	53.603	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	310003	51.587	ug/l	99
89) n-Butylbenzene	12.335	91	523926	56.270	ug/l	98
90) Hexachloroethane	12.542	117	103634	56.701	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	300671	52.527	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	48165	52.072	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	179928	56.213	ug/l	98
94) Hexachlorobutadiene	13.725	225	70811	54.825	ug/l	95
95) Naphthalene	13.774	128	621960	55.635	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	177320	55.978	ug/l	96

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

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