

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028466.D
 Acq On : 30 Apr 2022 08:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 30 09:26:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/02/2022
 Supervised By : Mahesh Dadoda 05/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	337496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	542568	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	517966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	283584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199796	45.402	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.800%		
35) Dibromofluoromethane	5.391	113	184591	48.513	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.020%		
50) Toluene-d8	8.653	98	665707	45.552	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.100%		
62) 4-Bromofluorobenzene	11.079	95	257602	46.100	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	125822	57.753	ug/l	99
3) Chloromethane	1.288	50	124081	56.823	ug/l	99
4) Vinyl Chloride	1.373	62	150806	44.324	ug/l	100
5) Bromomethane	1.599	94	145552	47.627	ug/l	99
6) Chloroethane	1.678	64	108966	44.363	ug/l	99
7) Trichlorofluoromethane	1.886	101	278070	37.063	ug/l	96
8) Diethyl Ether	2.136	74	106012	46.832	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	141502	51.775	ug/l	98
10) Methyl Iodide	2.453	142	180743	48.529	ug/l	96
11) Tert butyl alcohol	2.977	59	201913	239.161	ug/l	98
12) 1,1-Dichloroethene	2.318	96	132679	51.154	ug/l	95
13) Acrolein	2.233	56	133737	247.977	ug/l	98
14) Allyl chloride	2.660	41	186451	42.840	ug/l	93
15) Acrylonitrile	3.062	53	432735	241.306	ug/l	99
16) Acetone	2.379	43	360848	268.578	ug/l	96
17) Carbon Disulfide	2.507	76	260554	37.303	ug/l	99
18) Methyl Acetate	2.703	43	186929	47.776	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	515307	47.643	ug/l	97
20) Methylene Chloride	2.788	84	161641	49.505	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	156070	44.245	ug/l	94
22) Diisopropyl ether	3.763	45	455390	45.940	ug/l	93
23) Vinyl Acetate	3.721	43	1968783	227.336	ug/l	99
24) 1,1-Dichloroethane	3.611	63	275870	47.132	ug/l	98
25) 2-Butanone	4.556	43	585091	224.502	ug/l	96
26) 2,2-Dichloropropane	4.477	77	165959	29.040	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	191356	45.496	ug/l	92
28) Bromochloromethane	4.903	49	97523	38.835	ug/l	89
29) Tetrahydrofuran	5.001	42	371627	218.691	ug/l	99
30) Chloroform	5.098	83	317989	45.238	ug/l	99
31) Cyclohexane	5.470	56	220529	41.133	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	274299	43.094	ug/l	99
36) 1,1-Dichloropropene	5.696	75	215585	43.436	ug/l	98
37) Ethyl Acetate	4.714	43	228253	45.323	ug/l	99
38) Carbon Tetrachloride	5.678	117	238255	42.523	ug/l	97
39) Methylcyclohexane	7.385	83	240861	38.461	ug/l	94
40) Benzene	6.037	78	653155	44.957	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	117629	45.271	ug/l	99
42) 1,2-Dichloroethane	6.086	62	233778	43.348	ug/l	99
43) Isopropyl Acetate	6.342	43	358401	43.727	ug/l	98
44) Trichloroethene	7.129	130	188005	44.624	ug/l	98
45) 1,2-Dichloropropane	7.433	63	163405	45.949	ug/l	97
46) Dibromomethane	7.586	93	125819	45.102	ug/l	99
47) Bromodichloromethane	7.824	83	239582	44.685	ug/l	99
48) Methyl methacrylate	7.696	41	169664	45.087	ug/l	93
49) 1,4-Dioxane	7.659	88	92811	921.944	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	1203107	228.741	ug/l	98
52) Toluene	8.720	92	445641	44.151	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	238912	41.927	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	260589	42.587	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	193911	47.283	ug/l	98
56) Ethyl methacrylate	9.116	69	283831	47.745	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	304749	46.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	667370	239.267	ug/l	95
59) 2-Hexanone	9.433	43	943065	231.470	ug/l	96
60) Dibromochloromethane	9.524	129	199195	44.554	ug/l	97
61) 1,2-Dibromoethane	9.610	107	206478	45.893	ug/l	99
64) Tetrachloroethene	9.274	164	161461	39.908	ug/l	98
65) Chlorobenzene	10.079	112	510675	46.242	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	193027	46.921	ug/l	99
67) Ethyl Benzene	10.195	91	869539	46.957	ug/l	96
68) m/p-Xylenes	10.305	106	700776	92.982	ug/l	96
69) o-Xylene	10.640	106	353643	47.063	ug/l	94
70) Styrene	10.658	104	595799	48.942	ug/l	99
71) Bromoform	10.799	173	151776	40.698	ug/l #	99
73) Isopropylbenzene	10.963	105	910746	46.725	ug/l	99
74) N-amyl acetate	10.847	43	338412	50.232	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	323122	51.085	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	269387m	48.268	ug/l	
77) Bromobenzene	11.201	156	237921	46.868	ug/l	92
78) n-propylbenzene	11.305	91	1017723	47.087	ug/l	97
79) 2-Chlorotoluene	11.366	91	623025	46.365	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	765556	46.269	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	74227	39.523	ug/l	92
82) 4-Chlorotoluene	11.457	91	715296	46.211	ug/l	95
83) tert-Butylbenzene	11.719	119	798766	47.278	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	769430	46.782	ug/l	98
85) sec-Butylbenzene	11.890	105	922423	45.254	ug/l	98
86) p-Isopropyltoluene	12.012	119	798407	45.404	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	455984	47.805	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	458576	45.788	ug/l	99
89) n-Butylbenzene	12.335	91	631309	43.722	ug/l	98
90) Hexachloroethane	12.542	117	128557	40.970	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	453344	47.843	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	64827	46.085	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	275154	48.823	ug/l	99
94) Hexachlorobutadiene	13.725	225	107369	42.694	ug/l	95
95) Naphthalene	13.780	128	973237	51.839	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	278084	50.269	ug/l	95

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

