

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028438.D
 Acq On : 29 Apr 2022 20:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 30 09:18:49 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	5.550	168	340215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	549226	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	506131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	278755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	197685	44.564	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.120%		
35) Dibromofluoromethane	5.385	113	182409	47.358	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.720%		
50) Toluene-d8	8.653	98	657695	44.458	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.920%		
62) 4-Bromofluorobenzene	11.079	95	248786	43.983	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	130748	59.535	ug/l	99
3) Chloromethane	1.288	50	130805	59.540	ug/l	98
4) Vinyl Chloride	1.374	62	158088	46.093	ug/l	99
5) Bromomethane	1.599	94	169037	56.358	ug/l	99
6) Chloroethane	1.678	64	110581	44.684	ug/l	100
7) Trichlorofluoromethane	1.886	101	290518	38.412	ug/l	98
8) Diethyl Ether	2.136	74	111049	48.795	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	150953	54.792	ug/l	98
10) Methyl Iodide	2.453	142	190910	50.599	ug/l	97
11) Tert butyl alcohol	2.989	59	182678	213.588	ug/l	99
12) 1,1-Dichloroethene	2.319	96	139435	53.329	ug/l	96
13) Acrolein	2.233	56	124585	229.161	ug/l	99
14) Allyl chloride	2.666	41	198400	45.222	ug/l	92
15) Acrylonitrile	3.062	53	437736	242.144	ug/l	99
16) Acetone	2.380	43	353257	260.786	ug/l	94
17) Carbon Disulfide	2.508	76	277878	39.465	ug/l	100
18) Methyl Acetate	2.703	43	190545	48.311	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	539874	49.516	ug/l	98
20) Methylene Chloride	2.788	84	170071	51.671	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	161280	45.357	ug/l	93
22) Diisopropyl ether	3.763	45	473020	47.337	ug/l	93
23) Vinyl Acetate	3.721	43	2048690	234.672	ug/l	99
24) 1,1-Dichloroethane	3.611	63	284880	48.283	ug/l	98
25) 2-Butanone	4.556	43	588092	223.850	ug/l	97
26) 2,2-Dichloropropane	4.477	77	227724	39.530	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	202864	47.847	ug/l	91
28) Bromochloromethane	4.897	49	113679	44.907	ug/l	86
29) Tetrahydrofuran	5.007	42	374111	218.394	ug/l	98
30) Chloroform	5.092	83	330000	46.572	ug/l	96
31) Cyclohexane	5.476	56	228893	42.352	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	289759	45.159	ug/l	98
36) 1,1-Dichloropropene	5.696	75	223272	44.440	ug/l	97
37) Ethyl Acetate	4.714	43	232676	45.641	ug/l	100
38) Carbon Tetrachloride	5.684	117	252574	44.532	ug/l	99
39) Methylcyclohexane	7.385	83	253423	39.977	ug/l	93
40) Benzene	6.043	78	683654	46.486	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	120883	45.959	ug/l	99
42) 1,2-Dichloroethane	6.086	62	241257	44.192	ug/l	99
43) Isopropyl Acetate	6.342	43	368742	44.443	ug/l	98
44) Trichloroethene	7.129	130	198672	46.584	ug/l	95
45) 1,2-Dichloropropane	7.433	63	170505	47.365	ug/l	95
46) Dibromomethane	7.580	93	132436	46.899	ug/l	99
47) Bromodichloromethane	7.824	83	246047	45.334	ug/l	99
48) Methyl methacrylate	7.696	41	174501	45.810	ug/l	94
49) 1,4-Dioxane	7.665	88	87652	860.142	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	1207101	226.718	ug/l	97
52) Toluene	8.720	92	455170	44.548	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	258539	44.822	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	279552	45.132	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	198809	47.890	ug/l	99
56) Ethyl methacrylate	9.116	69	288217	47.895	ug/l #	94
57) 1,3-Dichloropropane	9.311	76	314473	46.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	683474	242.070	ug/l	93
59) 2-Hexanone	9.433	43	935361	226.796	ug/l	96
60) Dibromochloromethane	9.525	129	208030	45.966	ug/l	96
61) 1,2-Dibromoethane	9.610	107	210505	46.221	ug/l	98
64) Tetrachloroethene	9.275	164	164513	41.613	ug/l	98
65) Chlorobenzene	10.079	112	520242	48.210	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	199433	49.612	ug/l	99
67) Ethyl Benzene	10.195	91	887469	49.046	ug/l	96
68) m/p-Xylenes	10.305	106	710506	96.478	ug/l	95
69) o-Xylene	10.646	106	357658	48.711	ug/l	94
70) Styrene	10.659	104	596014	50.105	ug/l	98
71) Bromoform	10.799	173	155897	42.597	ug/l	99
73) Isopropylbenzene	10.963	105	915562	47.786	ug/l	99
74) N-amyl acetate	10.847	43	342245	51.680	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	325974	52.429	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	273734m	49.896	ug/l	
77) Bromobenzene	11.201	156	240509	48.199	ug/l	91
78) n-propylbenzene	11.305	91	1022371	48.122	ug/l	96
79) 2-Chlorotoluene	11.366	91	627222	47.486	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	769933	47.340	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	83972	45.486	ug/l	92
82) 4-Chlorotoluene	11.457	91	716377	47.083	ug/l	95
83) tert-Butylbenzene	11.719	119	802627	48.329	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	772896	47.807	ug/l	97
85) sec-Butylbenzene	11.890	105	930721	46.452	ug/l	97
86) p-Isopropyltoluene	12.012	119	808939	46.800	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	463324	49.416	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	469634	47.704	ug/l	99
89) n-Butylbenzene	12.335	91	643464	45.336	ug/l	98
90) Hexachloroethane	12.542	117	132472	42.862	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	468247	50.272	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	66116	47.816	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	284612	51.376	ug/l	100
94) Hexachlorobutadiene	13.725	225	116038	46.941	ug/l	96
95) Naphthalene	13.780	128	991191	53.710	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	287278	52.831	ug/l	96

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

