

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029848.D
 Acq On : 29 Jun 2022 08:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 29 14:57:23 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 :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	257939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153177	46.914	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.820%		
35) Dibromofluoromethane	5.385	113	136025	47.910	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.820%		
50) Toluene-d8	8.653	98	543461	51.024	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.040%		
62) 4-Bromofluorobenzene	11.079	95	194711	51.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	135474	53.859	ug/l	98
3) Chloromethane	1.294	50	145079	50.059	ug/l	99
4) Vinyl Chloride	1.374	62	152211	52.806	ug/l	99
5) Bromomethane	1.611	94	73721	46.419	ug/l	100
6) Chloroethane	1.685	64	74341	43.928	ug/l	97
7) Trichlorofluoromethane	1.886	101	187803	50.756	ug/l	99
8) Diethyl Ether	2.136	74	82587	49.794	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	129751	50.158	ug/l	99
10) Methyl Iodide	2.453	142	162650	46.043	ug/l	100
11) Tert butyl alcohol	3.007	59	187816	219.952	ug/l	97
12) 1,1-Dichloroethene	2.319	96	129090	48.596	ug/l	100
13) Acrolein	2.239	56	97270	243.056	ug/l	100
14) Allyl chloride	2.666	41	237719	48.490	ug/l	100
15) Acrylonitrile	3.068	53	458395	229.949	ug/l	100
16) Acetone	2.392	43	349663	218.899	ug/l	99
17) Carbon Disulfide	2.514	76	319126	48.314	ug/l	100
18) Methyl Acetate	2.709	43	219613	44.595	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	439175	48.968	ug/l	98
20) Methylene Chloride	2.788	84	153153	45.398	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	139417	47.851	ug/l	99
22) Diisopropyl ether	3.763	45	477001	48.148	ug/l	90
23) Vinyl Acetate	3.721	43	2073282	241.971	ug/l	99
24) 1,1-Dichloroethane	3.611	63	253958	48.608	ug/l	100
25) 2-Butanone	4.562	43	620171	223.687	ug/l	100
26) 2,2-Dichloropropane	4.477	77	182634	53.260	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	170423	49.541	ug/l	98
28) Bromochloromethane	4.897	49	104057	49.692	ug/l	99
29) Tetrahydrofuran	5.013	42	416463	228.256	ug/l	100
30) Chloroform	5.092	83	250842	48.962	ug/l	97
31) Cyclohexane	5.470	56	234000	51.401	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	200588	49.168	ug/l	99
36) 1,1-Dichloropropene	5.696	75	186292	49.334	ug/l	99
37) Ethyl Acetate	4.714	43	234218	45.351	ug/l	99
38) Carbon Tetrachloride	5.678	117	165150	50.473	ug/l	96
39) Methylcyclohexane	7.385	83	239559	52.469	ug/l	98
40) Benzene	6.037	78	599946	49.134	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	128955	46.971	ug/l	98
42) 1,2-Dichloroethane	6.086	62	184126	49.134	ug/l	99
43) Isopropyl Acetate	6.342	43	371803	47.808	ug/l	99
44) Trichloroethene	7.129	130	153553	46.696	ug/l	98
45) 1,2-Dichloropropane	7.433	63	157411	48.801	ug/l	97
46) Dibromomethane	7.580	93	103218	48.917	ug/l	99
47) Bromodichloromethane	7.824	83	187512	49.577	ug/l	98
48) Methyl methacrylate	7.696	41	177759	48.208	ug/l	100
49) 1,4-Dioxane	7.690	88	79096	905.873	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	1203320	234.646	ug/l	100
52) Toluene	8.720	92	371709	50.449	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	210533	52.235	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	233652	51.300	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	154135	48.016	ug/l	99
56) Ethyl methacrylate	9.116	69	250349	49.465	ug/l	99
57) 1,3-Dichloropropane	9.311	76	250819	48.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	555163	229.877	ug/l	100
59) 2-Hexanone	9.433	43	927900	233.155	ug/l	99
60) Dibromochloromethane	9.525	129	141253	49.803	ug/l	100
61) 1,2-Dibromoethane	9.610	107	159137	48.512	ug/l	99
64) Tetrachloroethene	9.275	164	125104	51.676	ug/l	96
65) Chlorobenzene	10.079	112	401785	49.868	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	133111	49.446	ug/l	98
67) Ethyl Benzene	10.195	91	708901	50.586	ug/l	100
68) m/p-Xylenes	10.305	106	544939	101.389	ug/l	100
69) o-Xylene	10.640	106	270403	49.670	ug/l	99
70) Styrene	10.658	104	457823	50.875	ug/l	99
71) Bromoform	10.799	173	99319	51.723	ug/l #	99
73) Isopropylbenzene	10.963	105	688419	47.958	ug/l	99
74) N-amyl acetate	10.841	43	337459	47.482	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	249920	44.225	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	221110m	46.560	ug/l	
77) Bromobenzene	11.201	156	161729	46.842	ug/l	99
78) n-propylbenzene	11.305	91	829352	48.988	ug/l	100
79) 2-Chlorotoluene	11.366	91	481368	47.824	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	567194	47.597	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	77106	51.563	ug/l	99
82) 4-Chlorotoluene	11.457	91	547243	47.722	ug/l	100
83) tert-Butylbenzene	11.719	119	554629	46.963	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	572979	47.999	ug/l	99
85) sec-Butylbenzene	11.890	105	724194	48.662	ug/l	100
86) p-Isopropyltoluene	12.012	119	603111	50.775	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	326534	49.259	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	323872	47.881	ug/l	99
89) n-Butylbenzene	12.335	91	578072	51.773	ug/l	99
90) Hexachloroethane	12.542	117	99032	51.109	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	319397	49.045	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58081	49.184	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	190260	48.210	ug/l	97
94) Hexachlorobutadiene	13.725	225	68307	46.789	ug/l	98
95) Naphthalene	13.774	128	780047	48.684	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	195140	48.299	ug/l	99

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

