

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070522\
 Data File : VX029930.D
 Acq On : 05 Jul 2022 18:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 06 06:59:14 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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	212383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	384989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	339029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132822	49.405	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.820%
35) Dibromofluoromethane	5.391	113	118824	49.387	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.780%
50) Toluene-d8	8.653	98	461949	51.180	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.360%
62) 4-Bromofluorobenzene	11.085	95	171103	53.628	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.260%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	106448	51.397	ug/l	98
3) Chloromethane	1.288	50	110525	46.316	ug/l	100
4) Vinyl Chloride	1.374	62	121420	51.159	ug/l	99
5) Bromomethane	1.611	94	47554	36.365	ug/l	94
6) Chloroethane	1.685	64	59824	42.638	ug/l	96
7) Trichlorofluoromethane	1.886	101	155485	51.035	ug/l	99
8) Diethyl Ether	2.136	74	66350	48.585	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	102754	48.242	ug/l	98
10) Methyl Iodide	2.453	142	107187	37.225	ug/l	98
11) Tert butyl alcohol	3.007	59	171590	244.053	ug/l	100
12) 1,1-Dichloroethene	2.319	96	107788	49.280	ug/l	95
13) Acrolein	2.239	56	50798	152.191	ug/l	98
14) Allyl chloride	2.666	41	194608	48.211	ug/l	97
15) Acrylonitrile	3.075	53	407856	248.482	ug/l	99
16) Acetone	2.398	43	332896	253.104	ug/l	99
17) Carbon Disulfide	2.508	76	251117	46.173	ug/l	98
18) Methyl Acetate	2.709	43	204963	50.548	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	363004	49.157	ug/l	100
20) Methylene Chloride	2.788	84	127516	45.907	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	115110	47.983	ug/l	98
22) Diisopropyl ether	3.769	45	398362	48.836	ug/l #	87
23) Vinyl Acetate	3.727	43	1749960	248.045	ug/l	100
24) 1,1-Dichloroethane	3.611	63	215456	50.084	ug/l	98
25) 2-Butanone	4.568	43	573165	251.076	ug/l	100
26) 2,2-Dichloropropane	4.483	77	107987	38.246	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	140069	49.451	ug/l	95
28) Bromochloromethane	4.903	49	81510	47.274	ug/l	96
29) Tetrahydrofuran	5.019	42	377891	251.541	ug/l	100
30) Chloroform	5.105	83	209733	49.719	ug/l	100
31) Cyclohexane	5.470	56	184601	49.248	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	169652	50.505	ug/l	99
36) 1,1-Dichloropropene	5.696	75	150176	46.930	ug/l	99
37) Ethyl Acetate	4.727	43	210043	47.993	ug/l	100
38) Carbon Tetrachloride	5.684	117	139758	50.403	ug/l	97
39) Methylcyclohexane	7.385	83	183878	47.525	ug/l	97
40) Benzene	6.043	78	505838	48.886	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	113368	48.728	ug/l	97
42) 1,2-Dichloroethane	6.092	62	155180	48.865	ug/l	99
43) Isopropyl Acetate	6.348	43	320919	48.695	ug/l	99
44) Trichloroethene	7.129	130	131223	47.090	ug/l	97
45) 1,2-Dichloropropane	7.433	63	131567	48.132	ug/l	99
46) Dibromomethane	7.586	93	88977	49.760	ug/l	100
47) Bromodichloromethane	7.830	83	158275	49.382	ug/l	96
48) Methyl methacrylate	7.696	41	151465	48.473	ug/l	98
49) 1,4-Dioxane	7.696	88	75343	1018.253	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1111623	255.794	ug/l	99
52) Toluene	8.720	92	308863	49.467	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	168196	49.245	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	187727	48.638	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	133961	49.245	ug/l	96
56) Ethyl methacrylate	9.122	69	213769	49.842	ug/l	98
57) 1,3-Dichloropropane	9.311	76	213751	48.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	475437	232.310	ug/l	100
59) 2-Hexanone	9.433	43	860788	255.234	ug/l	98
60) Dibromochloromethane	9.525	129	122655	51.032	ug/l	99
61) 1,2-Dibromoethane	9.616	107	137244	49.371	ug/l	98
64) Tetrachloroethene	9.275	164	110173	53.876	ug/l	99
65) Chlorobenzene	10.079	112	332780	48.898	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	115534	50.809	ug/l	98
67) Ethyl Benzene	10.195	91	581142	49.094	ug/l	99
68) m/p-Xylenes	10.305	106	452446	99.659	ug/l	99
69) o-Xylene	10.646	106	225585	49.057	ug/l	99
70) Styrene	10.659	104	378412	49.783	ug/l	99
71) Bromoform	10.805	173	87481	53.935	ug/l	99
73) Isopropylbenzene	10.963	105	565021	46.099	ug/l	98
74) N-amyl acetate	10.848	43	288056	47.468	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	216400	44.847	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	193319m	47.675	ug/l	
77) Bromobenzene	11.201	156	136687	46.365	ug/l	99
78) n-propylbenzene	11.305	91	677616	46.875	ug/l	99
79) 2-Chlorotoluene	11.366	91	407012	47.358	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	472254	46.413	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	60319	47.241	ug/l	99
82) 4-Chlorotoluene	11.457	91	465367	47.528	ug/l	98
83) tert-Butylbenzene	11.719	119	467573	46.367	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	481059	47.196	ug/l	99
85) sec-Butylbenzene	11.890	105	607793	47.830	ug/l	99
86) p-Isopropyltoluene	12.012	119	493511	48.659	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	269795	47.665	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	267614	46.336	ug/l	99
89) n-Butylbenzene	12.335	91	451221	47.329	ug/l	100
90) Hexachloroethane	12.542	117	83812	50.658	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	262976	47.293	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51154	50.732	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	151744	45.031	ug/l	99
94) Hexachlorobutadiene	13.725	225	51140	41.025	ug/l	98
95) Naphthalene	13.780	128	649553	47.478	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	156593	45.392	ug/l	99

07/06/2022
 Supervised By :Mahesh
 Dadoda

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

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Supervised By :Mahesh
Dadoda

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