

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029072.D
 Acq On : 31 May 2022 13:18
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2022
 Supervised By : Mahesh Dadoda 06/01/2022

Quant Time: May 31 14:31:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 31 14:31:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	286060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	457333	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	426723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	230515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166023	43.567	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.140%		
35) Dibromofluoromethane	5.391	113	154156	51.218	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.440%		
50) Toluene-d8	8.653	98	565425	50.300	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.600%		
62) 4-Bromofluorobenzene	11.085	95	217096	51.594	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	135292	37.926	ug/l	99
3) Chloromethane	1.288	50	131034	38.429	ug/l	99
4) Vinyl Chloride	1.374	62	152347	41.331	ug/l	98
5) Bromomethane	1.599	94	71995	26.295	ug/l	97
6) Chloroethane	1.679	64	100835	38.777	ug/l	99
7) Trichlorofluoromethane	1.880	101	233517	40.051	ug/l	100
8) Diethyl Ether	2.136	74	89910	41.881	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	134532	43.129	ug/l	96
10) Methyl Iodide	2.453	142	170866	45.985	ug/l	97
11) Tert butyl alcohol	2.971	59	186337	210.742	ug/l	99
12) 1,1-Dichloroethene	2.319	96	132398	45.389	ug/l	92
13) Acrolein	2.233	56	88666	147.302	ug/l	99
14) Allyl chloride	2.660	41	201898	43.547	ug/l	97
15) Acrylonitrile	3.062	53	403733	218.435	ug/l	100
16) Acetone	2.380	43	323760	197.946	ug/l	97
17) Carbon Disulfide	2.508	76	356715	47.105	ug/l	99
18) Methyl Acetate	2.703	43	167250	40.809	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	462298	44.899	ug/l	98
20) Methylene Chloride	2.788	84	150994	43.453	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	149681	45.726	ug/l	93
22) Diisopropyl ether	3.764	45	410669	41.798	ug/l	95
23) Vinyl Acetate	3.721	43	1765409	209.541	ug/l	99
24) 1,1-Dichloroethane	3.611	63	249849	43.443	ug/l	98
25) 2-Butanone	4.556	43	532891	207.733	ug/l	99
26) 2,2-Dichloropropane	4.477	77	206056	45.527	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	176059	45.813	ug/l	92
28) Bromochloromethane	4.897	49	94533	38.687	ug/l	87
29) Tetrahydrofuran	5.007	42	349481	209.425	ug/l	98
30) Chloroform	5.099	83	279792	44.751	ug/l	99
31) Cyclohexane	5.471	56	220736	42.161	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	254771	46.504	ug/l	97
36) 1,1-Dichloropropene	5.696	75	200222	45.493	ug/l	97
37) Ethyl Acetate	4.715	43	202713	44.495	ug/l	99
38) Carbon Tetrachloride	5.678	117	233069	51.692	ug/l	98
39) Methylcyclohexane	7.385	83	250981	49.232	ug/l	96
40) Benzene	6.044	78	601455	47.196	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	111204	44.987	ug/l	96
42) 1,2-Dichloroethane	6.092	62	204327	43.985	ug/l	98
43) Isopropyl Acetate	6.342	43	313871	43.996	ug/l	99
44) Trichloroethene	7.129	130	179162	51.211	ug/l	100
45) 1,2-Dichloropropane	7.434	63	145307	45.879	ug/l	97
46) Dibromomethane	7.586	93	112247	47.243	ug/l	97
47) Bromodichloromethane	7.824	83	226377	51.008	ug/l	98
48) Methyl methacrylate	7.696	41	153544	44.539	ug/l	96
49) 1,4-Dioxane	7.659	88	91289	1022.460	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1038091	220.760	ug/l	99
52) Toluene	8.720	92	403323	49.090	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	236569	52.700	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	255073	51.266	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	166721	49.557	ug/l	98
56) Ethyl methacrylate	9.116	69	245143	48.614	ug/l	98
57) 1,3-Dichloropropane	9.311	76	268736	47.600	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	595141	238.813	ug/l	93
59) 2-Hexanone	9.433	43	815297	223.601	ug/l	97
60) Dibromochloromethane	9.525	129	193119	57.666	ug/l	96
61) 1,2-Dibromoethane	9.610	107	179315	50.636	ug/l	98
64) Tetrachloroethene	9.275	164	164591	51.177	ug/l	98
65) Chlorobenzene	10.079	112	450371	49.982	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	174089	53.839	ug/l	99
67) Ethyl Benzene	10.195	91	780688	48.764	ug/l	96
68) m/p-Xylenes	10.305	106	630521	100.674	ug/l	97
69) o-Xylene	10.646	106	313043	50.534	ug/l	97
70) Styrene	10.659	104	526240	52.462	ug/l	98
71) Bromoform	10.805	173	152415	63.000	ug/l #	98
73) Isopropylbenzene	10.963	105	802325	46.531	ug/l	100
74) N-amyl acetate	10.848	43	267306	40.694	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	265793	44.846	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	237161m	44.728	ug/l	
77) Bromobenzene	11.201	156	205901	49.827	ug/l	93
78) n-propylbenzene	11.305	91	905056	45.692	ug/l	97
79) 2-Chlorotoluene	11.366	91	552095	45.261	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	688101	47.840	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	83724	51.006	ug/l	97
82) 4-Chlorotoluene	11.457	91	639100	45.442	ug/l	97
83) tert-Butylbenzene	11.719	119	698480	49.708	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	692055	47.989	ug/l	99
85) sec-Butylbenzene	11.890	105	833953	48.441	ug/l	98
86) p-Isopropyltoluene	12.012	119	731064	50.460	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	396002	49.012	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	397798	47.530	ug/l	100
89) n-Butylbenzene	12.335	91	595929	48.090	ug/l	98
90) Hexachloroethane	12.542	117	131150	55.039	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	396571	49.865	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61520	48.421	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	241795	52.282	ug/l	99
94) Hexachlorobutadiene	13.725	225	104843	55.142	ug/l	95
95) Naphthalene	13.780	128	833765	51.236	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	243035	52.139	ug/l	96

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

