

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031023.D
 Acq On : 01 Sep 2022 12:33
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 01 13:24:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 01 13:21:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	193601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	334206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	122638	44.165	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.340%		
35) Dibromofluoromethane	5.391	113	117041	47.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.020%		
50) Toluene-d8	8.647	98	455215	49.894	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.780%		
62) 4-Bromofluorobenzene	11.079	95	163840	50.428	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	101423	49.518	ug/l	99
3) Chloromethane	1.288	50	82587	40.008	ug/l	97
4) Vinyl Chloride	1.374	62	107984	44.279	ug/l	98
5) Bromomethane	1.611	94	49011	53.923	ug/l	94
6) Chloroethane	1.685	64	56515	38.542	ug/l	96
7) Trichlorofluoromethane	1.886	101	182616	49.235	ug/l	96
8) Diethyl Ether	2.136	74	63889	44.633	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.331	101	118470	49.668	ug/l	96
10) Methyl Iodide	2.453	142	120156	66.723	ug/l	98
11) Tert butyl alcohol	2.995	59	136950	208.169	ug/l	99
12) 1,1-Dichloroethene	2.319	96	120169	51.074	ug/l	95
13) Acrolein	2.239	56	121902	404.908	ug/l	99
14) Allyl chloride	2.666	41	157388	41.231	ug/l #	94
15) Acrylonitrile	3.068	53	308432	212.313	ug/l	97
16) Acetone	2.392	43	244019	194.709	ug/l	100
17) Carbon Disulfide	2.514	76	299159	48.176	ug/l	99
18) Methyl Acetate	2.709	43	142819	38.847	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	372933	48.664	ug/l	92
20) Methylene Chloride	2.788	84	130645	45.850	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	126717	49.669	ug/l	95
22) Diisopropyl ether	3.763	45	322604	41.014	ug/l #	92
23) Vinyl Acetate	3.727	43	1326696	210.246	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	217552	47.230	ug/l	99
25) 2-Butanone	4.568	43	391982	193.207	ug/l	91
26) 2,2-Dichloropropane	4.483	77	166806	48.055	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	146817	49.940	ug/l	94
28) Bromochloromethane	4.903	49	61373	41.190	ug/l #	67
29) Tetrahydrofuran	5.013	42	248422	189.278	ug/l #	83
30) Chloroform	5.099	83	230052	48.143	ug/l	95
31) Cyclohexane	5.477	56	182555	44.419	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	205227	50.664	ug/l	95
36) 1,1-Dichloropropene	5.696	75	166015	45.339	ug/l	98
37) Ethyl Acetate	4.721	43	152803	39.694	ug/l	95
38) Carbon Tetrachloride	5.678	117	180880	51.888	ug/l	98
39) Methylcyclohexane	7.385	83	220587	49.252	ug/l	92
40) Benzene	6.044	78	505649	47.914	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	82730	39.568	ug/l	91
42) 1,2-Dichloroethane	6.092	62	164773	47.002	ug/l	99
43) Isopropyl Acetate	6.342	43	236813	39.644	ug/l #	92
44) Trichloroethene	7.135	130	160308	51.562	ug/l	89
45) 1,2-Dichloropropane	7.434	63	131068	46.528	ug/l	89
46) Dibromomethane	7.586	93	93486	48.596	ug/l	92
47) Bromodichloromethane	7.818	83	187016	50.568	ug/l	87
48) Methyl methacrylate	7.696	41	120094	40.165	ug/l #	85
49) 1,4-Dioxane	7.690	88	73170	931.167	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	766002	194.288	ug/l	89
52) Toluene	8.720	92	329928	51.165	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	190843	51.141	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	209725	49.126	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	137482	49.152	ug/l	93
56) Ethyl methacrylate	9.122	69	199959	48.812	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	217944	47.244	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	517319	251.433	ug/l	92
59) 2-Hexanone	9.433	43	593416	202.407	ug/l	87
60) Dibromochloromethane	9.525	129	154691	55.647	ug/l	99
61) 1,2-Dibromoethane	9.610	107	146387	50.691	ug/l	98
64) Tetrachloroethene	9.275	164	153366	55.758	ug/l	96
65) Chlorobenzene	10.085	112	365630	53.173	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	136076	55.853	ug/l	98
67) Ethyl Benzene	10.195	91	644988	52.880	ug/l	98
68) m/p-Xylenes	10.305	106	502416	108.749	ug/l	100
69) o-Xylene	10.646	106	245569	54.310	ug/l	99
70) Styrene	10.659	104	410877	53.829	ug/l	99
71) Bromoform	10.805	173	113243	59.235	ug/l #	99
73) Isopropylbenzene	10.963	105	665081	55.672	ug/l	99
74) N-amyl acetate	10.848	43	205299	44.450	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	196765	48.076	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	185593m	49.924	ug/l	
77) Bromobenzene	11.201	156	164537	56.836	ug/l	89
78) n-propylbenzene	11.305	91	747331	53.379	ug/l	97
79) 2-Chlorotoluene	11.366	91	445618	51.245	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	542947	53.937	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	64192	51.339	ug/l	91
82) 4-Chlorotoluene	11.457	91	495274	50.947	ug/l	99
83) tert-Butylbenzene	11.719	119	553593	56.022	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	543506	52.740	ug/l	99
85) sec-Butylbenzene	11.890	105	743147	57.942	ug/l	99
86) p-Isopropyltoluene	12.012	119	590952	55.540	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	325119	56.959	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	308416	52.699	ug/l	99
89) n-Butylbenzene	12.335	91	559737	56.206	ug/l	97
90) Hexachloroethane	12.542	117	106220	56.859	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	340319	58.778	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51138	50.089	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	220373	59.541	ug/l	99
94) Hexachlorobutadiene	13.725	225	88519	56.319	ug/l	98
95) Naphthalene	13.780	128	740837	55.967	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	220986	59.135	ug/l	98

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

