

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029069.D
 Acq On : 31 May 2022 12:08
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: May 31 14:34:15 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	296694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	474774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203074	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	2659	0.719	ug/l	92
3) Chloromethane	1.294	50	3391	0.959	ug/l	99
4) Vinyl Chloride	1.374	62	3159	0.826	ug/l #	84
6) Chloroethane	1.685	64	2504	0.928	ug/l	93
7) Trichlorofluoromethane	1.886	101	5013	0.829	ug/l	90
8) Diethyl Ether	2.130	74	1845	0.829	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	3074	0.950	ug/l	97
12) 1,1-Dichloroethene	2.319	96	3003	0.993	ug/l #	77
14) Allyl chloride	2.666	41	4437	0.923	ug/l	98
15) Acrylonitrile	3.068	53	8199	4.277	ug/l	97
16) Acetone	2.380	43	7449	4.391	ug/l #	84
17) Carbon Disulfide	2.508	76	8998	1.146	ug/l	99
18) Methyl Acetate	2.703	43	3727	0.877	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	9118	0.854	ug/l	100
20) Methylene Chloride	2.794	84	3415	0.948	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	3260	0.960	ug/l	90
22) Diisopropyl ether	3.763	45	8351	0.820	ug/l #	81
23) Vinyl Acetate	3.733	43	32031	3.666	ug/l	99
24) 1,1-Dichloroethane	3.617	63	5408	0.907	ug/l	96
25) 2-Butanone	4.562	43	11386	4.279	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	4203	0.895	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	4187	1.050	ug/l	79
28) Bromochloromethane	4.903	49	2429	0.958	ug/l #	100
29) Tetrahydrofuran	5.019	42	6970	4.027	ug/l	99
30) Chloroform	5.092	83	5860	0.904	ug/l	92
32) 1,1,1-Trichloroethane	5.397	97	5289	0.931	ug/l #	35
36) 1,1-Dichloropropene	5.690	75	4411	0.965	ug/l	98
37) Ethyl Acetate	4.727	43	3663	0.774	ug/l	97
38) Carbon Tetrachloride	5.690	117	4870	1.040	ug/l #	90
39) Methylcyclohexane	7.379	83	4912	0.928	ug/l #	88
40) Benzene	6.044	78	12235	0.925	ug/l	98
41) Methacrylonitrile	4.934	41	1961	0.764	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	4168	0.864	ug/l	100
43) Isopropyl Acetate	6.342	43	5995	0.809	ug/l	99
44) Trichloroethene	7.135	130	6355	1.750	ug/l	90
45) 1,2-Dichloropropane	7.440	63	2907	0.884	ug/l	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	2325	0.943	ug/l	95
47) Bromodichloromethane	7.824	83	4562	0.990	ug/l #	95
48) Methyl methacrylate	7.702	41	2861	0.799	ug/l	86
49) 1,4-Dioxane	7.671	88	1776	19.161	ug/l #	88
51) 4-Methyl-2-Pentanone	8.580	43	20152	4.128	ug/l	94
52) Toluene	8.726	92	8012	0.939	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	4270	0.916	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	5030	0.974	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	3328	0.953	ug/l	92
56) Ethyl methacrylate	9.122	69	4207	0.804	ug/l	97
57) 1,3-Dichloropropane	9.311	76	5237	0.894	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.244	63	9306	3.597	ug/l	94
59) 2-Hexanone	9.433	43	14874	3.929	ug/l	90
60) Dibromochloromethane	9.525	129	3800	1.093	ug/l	96
61) 1,2-Dibromoethane	9.616	107	3703	1.007	ug/l	96
64) Tetrachloroethene	9.275	164	3564	1.107	ug/l	95
65) Chlorobenzene	10.085	112	9402	1.042	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.165	131	3609	1.115	ug/l #	63
67) Ethyl Benzene	10.195	91	14773	0.922	ug/l	100
68) m/p-Xylenes	10.305	106	11265	1.797	ug/l	95
69) o-Xylene	10.646	106	5459	0.880	ug/l	99
70) Styrene	10.659	104	8802	0.876	ug/l	99
71) Bromoform	10.805	173	2847	1.175	ug/l #	91
73) Isopropylbenzene	10.963	105	14203	0.935	ug/l	98
74) N-amyl acetate	10.848	43	4159	0.719	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	5060	0.969	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	4389m	0.940	ug/l	
77) Bromobenzene	11.201	156	4068	1.117	ug/l	86
78) n-propylbenzene	11.305	91	14966	0.858	ug/l	98
79) 2-Chlorotoluene	11.366	91	10507	0.978	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	11803	0.931	ug/l	97
82) 4-Chlorotoluene	11.457	91	11625	0.938	ug/l	100
83) tert-Butylbenzene	11.719	119	12072	0.975	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	11450	0.901	ug/l	99
85) sec-Butylbenzene	11.890	105	13418	0.885	ug/l	97
86) p-Isopropyltoluene	12.012	119	11685	0.916	ug/l	92
87) 1,3-Dichlorobenzene	11.975	146	7390	1.038	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	8136m	1.103	ug/l	
89) n-Butylbenzene	12.335	91	9698	0.888	ug/l	98
90) Hexachloroethane	12.542	117	2241	1.068	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	7059	1.008	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1070	0.956	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	4675	1.147	ug/l	93
94) Hexachlorobutadiene	13.725	225	2488	1.485	ug/l	87
95) Naphthalene	13.780	128	12306	0.858	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	4234	1.031	ug/l	99

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

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