

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029555.D
 Acq On : 18 Jun 2022 06:55
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2022
 Supervised By :Mahesh Dadoda 06/23/2022

Quant Time: Jun 18 10:31:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 10:29:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	275097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	465531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190887	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	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	2892	0.692	ug/l	94
3) Chloromethane	1.294	50	4088	0.917	ug/l	94
4) Vinyl Chloride	1.374	62	3106	0.684	ug/l	94
6) Chloroethane	1.691	64	2091	0.871	ug/l	99
7) Trichlorofluoromethane	1.886	101	4418	0.671	ug/l	91
8) Diethyl Ether	2.136	74	1622	0.629	ug/l	61
9) 1,1,2-Trichlorotrifluo...	2.331	101	2836	0.709	ug/l	97
12) 1,1-Dichloroethene	2.319	96	2606	0.672	ug/l #	87
14) Allyl chloride	2.666	41	4313	0.692	ug/l	97
15) Acrylonitrile	3.075	53	7559	3.094	ug/l	96
16) Acetone	2.392	43	8270	3.986	ug/l	93
17) Carbon Disulfide	2.514	76	7517	0.783	ug/l	96
18) Methyl Acetate	2.709	43	3731	0.676	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	8943	0.669	ug/l	92
20) Methylene Chloride	2.788	84	3463	0.743	ug/l #	92
21) trans-1,2-Dichloroethene	3.093	96	2907	0.667	ug/l	96
22) Diisopropyl ether	3.763	45	8359	0.670	ug/l #	73
23) Vinyl Acetate	3.727	43	32432	3.145	ug/l	96
24) 1,1-Dichloroethane	3.611	63	5300	0.702	ug/l	94
25) 2-Butanone	4.574	43	10821	3.304	ug/l	96
26) 2,2-Dichloropropane	4.471	77	3826	0.701	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	3451	0.670	ug/l	99
28) Bromochloromethane	4.903	49	2057	0.696	ug/l #	88
29) Tetrahydrofuran	5.032	42	7086	3.316	ug/l	93
30) Chloroform	5.099	83	5423	0.665	ug/l #	77
32) 1,1,1-Trichloroethane	5.379	97	4947	0.705	ug/l #	37
36) 1,1-Dichloropropene	5.684	75	4088	0.672	ug/l	96
37) Ethyl Acetate	4.733	43	4131	0.660	ug/l #	93
38) Carbon Tetrachloride	5.678	117	3948	0.636	ug/l #	87
39) Methylcyclohexane	7.385	83	5154	0.686	ug/l	94
40) Benzene	6.037	78	11931	0.659	ug/l	97
41) Methacrylonitrile	4.928	41	1883	0.611	ug/l #	74
42) 1,2-Dichloroethane	6.092	62	4129	0.659	ug/l	98
43) Isopropyl Acetate	6.336	43	6069	0.642	ug/l	95
44) Trichloroethene	7.129	130	6596	1.327	ug/l	94
45) 1,2-Dichloropropane	7.434	63	2935	0.661	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	2039	0.633	ug/l	93
47) Bromodichloromethane	7.824	83	4041	0.665	ug/l #	85
48) Methyl methacrylate	7.696	41	2934	0.620	ug/l	91
49) 1,4-Dioxane	7.690	88	1592	13.171	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	19653	3.205	ug/l	91
52) Toluene	8.720	92	7436	0.641	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	3529	0.597	ug/l	91
54) cis-1,3-Dichloropropene	8.366	75	4040	0.593	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	3183	0.678	ug/l #	86
56) Ethyl methacrylate	9.116	69	4297	0.632	ug/l	97
57) 1,3-Dichloropropane	9.311	76	5153	0.651	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	10208	3.085	ug/l	100
59) 2-Hexanone	9.433	43	14318	3.077	ug/l	94
60) Dibromochloromethane	9.525	129	2841	0.627	ug/l	95
61) 1,2-Dibromoethane	9.610	107	2910	0.583	ug/l	97
64) Tetrachloroethene	9.275	164	3091	0.824	ug/l	92
65) Chlorobenzene	10.079	112	7766	0.716	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	2686	0.714	ug/l #	66
67) Ethyl Benzene	10.195	91	13669	0.720	ug/l	94
68) m/p-Xylenes	10.305	106	10864	1.482	ug/l	95
69) o-Xylene	10.640	106	5279	0.740	ug/l	99
70) Styrene	10.659	104	8188	0.687	ug/l	98
71) Bromoform	10.805	173	1952	0.730	ug/l #	81
73) Isopropylbenzene	10.963	105	13697	0.929	ug/l	97
74) N-amyl acetate	10.848	43	4369	0.874	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	4790	0.966	ug/l	95
76) 1,2,3-Trichloropropane	11.238	75	3786m	0.867	ug/l	
77) Bromobenzene	11.201	156	3263	0.942	ug/l	96
78) n-propylbenzene	11.305	91	15333	0.917	ug/l	98
79) 2-Chlorotoluene	11.366	91	9809	0.952	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	11111	0.887	ug/l	98
82) 4-Chlorotoluene	11.457	91	10947	0.923	ug/l	99
83) tert-Butylbenzene	11.713	119	11411	0.940	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	11248	0.910	ug/l	97
85) sec-Butylbenzene	11.890	105	13618	0.911	ug/l	99
86) p-Isopropyltoluene	12.012	119	11152	0.890	ug/l	94
87) 1,3-Dichlorobenzene	11.975	146	6288	0.951	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	6075m	0.903	ug/l	
89) n-Butylbenzene	12.335	91	9680	0.917	ug/l	99
90) Hexachloroethane	12.542	117	1533	0.773	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	5883	0.901	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	979	0.945	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	3644	0.937	ug/l	97
94) Hexachlorobutadiene	13.725	225	1525	0.939	ug/l	95
95) Naphthalene	13.780	128	11369	0.833	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	3542	0.915	ug/l	87

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

