

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030762.D
 Acq On : 25 Aug 2022 09:57
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

Quant Time: Aug 26 01:45:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 01:44:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	250472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	418990	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169371	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	1.167	85	2581	1.033	ug/l	88
3) Chloromethane	1.289	50	2713	1.120	ug/l	96
4) Vinyl Chloride	1.374	62	3339	1.221	ug/l	95
6) Chloroethane	1.685	64	2235	1.438	ug/l	90
7) Trichlorofluoromethane	1.886	101	4451	1.227	ug/l	91
8) Diethyl Ether	2.130	74	1555	1.043	ug/l #	47
9) 1,1,2-Trichlorotrifluo...	2.325	101	2836	1.147	ug/l	98
12) 1,1-Dichloroethene	2.319	96	2763	1.142	ug/l	96
14) Allyl chloride	2.666	41	4832	1.128	ug/l	95
15) Acrylonitrile	3.075	53	8236	4.808	ug/l	99
16) Acetone	2.392	43	8403	6.003	ug/l	92
17) Carbon Disulfide	2.508	76	7326	1.255	ug/l	100
18) Methyl Acetate	2.709	43	4569	1.068	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	8192	1.043	ug/l	95
20) Methylene Chloride	2.788	84	3570	1.117	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	2932	1.159	ug/l	90
22) Diisopropyl ether	3.764	45	9111	1.074	ug/l #	80
23) Vinyl Acetate	3.733	43	35488	5.016	ug/l	98
24) 1,1-Dichloroethane	3.611	63	5413	1.151	ug/l	98
25) 2-Butanone	4.574	43	12593	5.351	ug/l	99
26) 2,2-Dichloropropane	4.471	77	3846	1.149	ug/l	94
27) cis-1,2-Dichloroethene	4.501	96	3526	1.129	ug/l	97
28) Bromochloromethane	4.898	49	2145	1.078	ug/l #	97
29) Tetrahydrofuran	5.020	42	8019	5.060	ug/l	94
30) Chloroform	5.099	83	5982	1.269	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	4286	1.109	ug/l #	49
36) 1,1-Dichloropropene	5.690	75	4401	1.304	ug/l #	62
37) Ethyl Acetate	4.721	43	5054	1.178	ug/l #	91
38) Carbon Tetrachloride	5.672	117	4477	1.392	ug/l	95
39) Methylcyclohexane	7.379	83	4574	1.086	ug/l	98
40) Benzene	6.044	78	11847	1.126	ug/l	98
41) Methacrylonitrile	4.928	41	2631	1.131	ug/l #	79
42) 1,2-Dichloroethane	6.099	62	4203	1.256	ug/l	97
43) Isopropyl Acetate	6.349	43	6757	1.042	ug/l #	95
44) Trichloroethene	7.129	130	3609	1.164	ug/l	83
45) 1,2-Dichloropropane	7.434	63	3069	1.103	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	2433	1.271	ug/l	91
47) Bromodichloromethane	7.824	83	4145	1.174	ug/l #	95
48) Methyl methacrylate	7.702	41	3345	1.111	ug/l	93
49) 1,4-Dioxane	7.702	88	1523	19.679	ug/l #	84
51) 4-Methyl-2-Pentanone	8.580	43	22104	5.138	ug/l	98
52) Toluene	8.720	92	6784	1.011	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	3922	1.086	ug/l #	82
54) cis-1,3-Dichloropropene	8.373	75	4333	1.049	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	3153	1.124	ug/l	95
56) Ethyl methacrylate	9.116	69	4109	0.982	ug/l	97
57) 1,3-Dichloropropane	9.311	76	5143	1.156	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.245	63	10339	4.555	ug/l	92
59) 2-Hexanone	9.433	43	15667	4.768	ug/l	97
60) Dibromochloromethane	9.525	129	3290	1.188	ug/l	98
61) 1,2-Dibromoethane	9.610	107	3053	1.050	ug/l	95
64) Tetrachloroethene	9.275	164	3570	1.228	ug/l	91
65) Chlorobenzene	10.080	112	8311	1.155	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	2808	1.120	ug/l #	58
67) Ethyl Benzene	10.195	91	13298	1.089	ug/l	93
68) m/p-Xylenes	10.305	106	10057	2.104	ug/l	98
69) o-Xylene	10.640	106	5027	1.051	ug/l	93
70) Styrene	10.659	104	7719	0.966	ug/l	99
71) Bromoform	10.799	173	2474	1.222	ug/l #	99
73) Isopropylbenzene	10.964	105	12842	1.123	ug/l	96
74) N-amyl acetate	10.842	43	4679	0.948	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	4502	1.094	ug/l	92
76) 1,2,3-Trichloropropane	11.244	75	4104m	1.063	ug/l	
77) Bromobenzene	11.201	156	3443	1.204	ug/l	87
78) n-propylbenzene	11.305	91	14692	1.087	ug/l	98
79) 2-Chlorotoluene	11.366	91	9337	1.149	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	10091	1.046	ug/l	100
82) 4-Chlorotoluene	11.457	91	9934	1.088	ug/l	93
83) tert-Butylbenzene	11.713	119	9555	1.025	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	9178	0.963	ug/l	93
85) sec-Butylbenzene	11.890	105	11815	0.963	ug/l	97
86) p-Isopropyltoluene	12.012	119	9817	0.996	ug/l	95
87) 1,3-Dichlorobenzene	11.970	146	5680	1.060	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	6125m	1.116	ug/l	
89) n-Butylbenzene	12.335	91	8891	0.999	ug/l	99
90) Hexachloroethane	12.543	117	2061	1.200	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	6179	1.130	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1085	1.135	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	3775	1.116	ug/l	96
94) Hexachlorobutadiene	13.731	225	1541	1.132	ug/l	95
95) Naphthalene	13.780	128	10889	0.822	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	3701	1.067	ug/l	98

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

