

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011122\
 Data File : VX026414.D
 Acq On : 11 Jan 2022 12:03
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jan 11 14:08:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 13:56:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	105709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64030	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	78 - 117	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	92 - 112	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	1.172	85	1268	1.142	ug/l	95
3) Chloromethane	1.294	50	1243	0.962	ug/l	98
4) Vinyl Chloride	1.380	62	1123	0.826	ug/l #	87
6) Chloroethane	1.691	64	729	0.762	ug/l	92
7) Trichlorofluoromethane	1.892	101	1776	0.758	ug/l	96
8) Diethyl Ether	2.136	74	604	0.750	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.343	101	1103	0.893	ug/l	96
12) 1,1-Dichloroethene	2.325	96	1047	0.894	ug/l	90
14) Allyl chloride	2.672	41	1827	0.790	ug/l	97
15) Acrylonitrile	3.068	53	3237	4.280	ug/l	95
16) Acetone	2.392	43	4060	4.900	ug/l	90
17) Carbon Disulfide	2.520	76	3422	1.019	ug/l #	91
18) Methyl Acetate	2.709	43	1517	0.564	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	3786	0.926	ug/l #	88
20) Methylene Chloride	2.794	84	1406	0.964	ug/l #	94
21) trans-1,2-Dichloroethene	3.099	96	1128	0.883	ug/l	93
22) Diisopropyl ether	3.763	45	3855	0.873	ug/l	97
23) Vinyl Acetate	3.727	43	14496	4.135	ug/l	98
24) 1,1-Dichloroethane	3.617	63	2082	0.870	ug/l #	83
25) 2-Butanone	4.574	43	4686	4.060	ug/l	99
26) 2,2-Dichloropropane	4.483	77	1329	0.737	ug/l	89
27) cis-1,2-Dichloroethene	4.495	96	1243	0.856	ug/l	92
28) Bromochloromethane	4.903	49	700	0.660	ug/l #	89
29) Tetrahydrofuran	5.019	42	2888	3.970	ug/l	94
30) Chloroform	5.098	83	2212	0.874	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	1713	0.779	ug/l #	51
36) 1,1-Dichloropropene	5.708	75	1693	0.936	ug/l	90
37) Ethyl Acetate	4.727	43	1671	0.796	ug/l #	72
38) Carbon Tetrachloride	5.684	117	1580	0.785	ug/l	99
39) Methylcyclohexane	7.379	83	1910	0.936	ug/l	95
40) Benzene	6.043	78	4656	0.902	ug/l	96
41) Methacrylonitrile	4.928	41	891	0.752	ug/l #	85
42) 1,2-Dichloroethane	6.092	62	1812	0.867	ug/l	77
43) Isopropyl Acetate	6.336	43	2556	0.747	ug/l #	93
44) Trichloroethene	7.135	130	1235	0.889	ug/l	82
45) 1,2-Dichloropropane	7.433	63	1066	0.807	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	772	0.788	ug/l	92
47) Bromodichloromethane	7.824	83	1518	0.761	ug/l	98
48) Methyl methacrylate	7.702	41	1334	0.813	ug/l #	85
49) 1,4-Dioxane	7.708	88	440	14.558	ug/l #	36
51) 4-Methyl-2-Pentanone	8.573	43	8238	3.871	ug/l	94
52) Toluene	8.720	92	2776	0.873	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	1164	0.618	ug/l #	86
54) cis-1,3-Dichloropropene	8.372	75	1476	0.701	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	1114	0.853	ug/l	91
56) Ethyl methacrylate	9.122	69	1486	0.737	ug/l	95
57) 1,3-Dichloropropane	9.311	76	1832	0.818	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.250	63	4113	4.303	ug/l	95
59) 2-Hexanone	9.433	43	6081	3.772	ug/l	94
60) Dibromochloromethane	9.518	129	976	0.659	ug/l	96
61) 1,2-Dibromoethane	9.610	107	1091	0.780	ug/l	97
64) Tetrachloroethene	9.275	164	1280	1.000	ug/l	89
65) Chlorobenzene	10.079	112	3085	0.926	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	995	0.784	ug/l #	58
67) Ethyl Benzene	10.195	91	4934	0.828	ug/l	95
68) m/p-Xylenes	10.305	106	3876	1.742	ug/l	94
69) o-Xylene	10.640	106	1768	0.812	ug/l	84
70) Styrene	10.658	104	2795	0.783	ug/l	89
71) Bromoform	10.805	173	577	0.560	ug/l #	95
73) Isopropylbenzene	10.963	105	4879	0.980	ug/l	100
74) N-amyl acetate	10.847	43	1546	0.676	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	1356	0.801	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	1370m	0.886	ug/l	
77) Bromobenzene	11.201	156	1167	0.989	ug/l	86
78) n-propylbenzene	11.305	91	5616	0.981	ug/l	96
79) 2-Chlorotoluene	11.366	91	3546	1.007	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	3970	0.961	ug/l	93
82) 4-Chlorotoluene	11.457	91	4139	1.040	ug/l	94
83) tert-Butylbenzene	11.713	119	3663	0.914	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	4065	0.985	ug/l	92
85) sec-Butylbenzene	11.890	105	4702	0.940	ug/l	97
86) p-Isopropyltoluene	12.012	119	3769	0.904	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	2264	1.022	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	2327m	0.980	ug/l	
89) n-Butylbenzene	12.335	91	3211	0.866	ug/l	99
90) Hexachloroethane	12.542	117	507	0.609	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	1898	0.826	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.951	75	274	0.632	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	1226	0.903	ug/l	94
94) Hexachlorobutadiene	13.725	225	506	0.897	ug/l	92
95) Naphthalene	13.780	128	3758	0.759	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1150	0.832	ug/l	95

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

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