

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031151.D
 Acq On : 07 Sep 2022 10:57
 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 : John Carlone 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

Quant Time: Sep 07 22:58:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 22:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	58338	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	97148	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60869	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	930	0.992	ug/l	95
3) Chloromethane	1.294	50	802	1.113	ug/l	98
4) Vinyl Chloride	1.374	62	894	1.051	ug/l	# 62
6) Chloroethane	1.691	64	387	0.811	ug/l	94
7) Trichlorofluoromethane	1.892	101	1922	1.037	ug/l	98
8) Diethyl Ether	2.136	74	519	0.986	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	1141	1.089	ug/l	98
12) 1,1-Dichloroethene	2.319	96	1062	1.078	ug/l	95
14) Allyl chloride	2.672	41	1393	1.053	ug/l	# 82
15) Acrylonitrile	3.068	53	2573	4.892	ug/l	96
16) Acetone	2.392	43	2567	5.368	ug/l	# 82
17) Carbon Disulfide	2.514	76	2433	1.005	ug/l	# 92
18) Methyl Acetate	2.715	43	1299	1.049	ug/l	# 84
19) Methyl tert-butyl Ether	3.117	73	3228	0.923	ug/l	# 87
20) Methylene Chloride	2.788	84	1195	1.063	ug/l	86
21) trans-1,2-Dichloroethene	3.099	96	1213	1.111	ug/l	# 76
22) Diisopropyl ether	3.770	45	2669	0.961	ug/l	# 96
23) Vinyl Acetate	3.733	43	10865	4.659	ug/l	97
24) 1,1-Dichloroethane	3.611	63	1734	0.941	ug/l	# 82
25) 2-Butanone	4.562	43	3700	5.223	ug/l	# 87
26) 2,2-Dichloropropane	4.483	77	1646	0.998	ug/l	# 65
27) cis-1,2-Dichloroethene	4.489	96	1341	1.070	ug/l	98
28) Bromochloromethane	4.910	49	655	0.980	ug/l	# 63
29) Tetrahydrofuran	5.032	42	1972	4.715	ug/l	# 79
30) Chloroform	5.111	83	2256m	1.127	ug/l	
32) 1,1,1-Trichloroethane	5.379	97	1958	0.997	ug/l	94
36) 1,1-Dichloropropene	5.702	75	1693	1.068	ug/l	90
37) Ethyl Acetate	4.727	43	1382	0.983	ug/l	# 75
38) Carbon Tetrachloride	5.690	117	1400m	0.894	ug/l	
39) Methylcyclohexane	7.385	83	1650	0.911	ug/l	# 77
40) Benzene	6.037	78	4169	0.968	ug/l	95
41) Methacrylonitrile	4.946	41	698m	1.010	ug/l	
42) 1,2-Dichloroethane	6.086	62	1567	0.889	ug/l	78
43) Isopropyl Acetate	6.342	43	1958	0.883	ug/l	# 95
44) Trichloroethene	7.123	130	1177	0.972	ug/l	62
45) 1,2-Dichloropropane	7.434	63	1058	1.000	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	811	0.966	ug/l	98
47) Bromodichloromethane	7.830	83	1393	0.853	ug/l #	80
48) Methyl methacrylate	7.696	41	1116	1.033	ug/l	93
49) 1,4-Dioxane	7.708	88	570	19.121	ug/l #	76
51) 4-Methyl-2-Pentanone	8.580	43	6297	4.637	ug/l #	85
52) Toluene	8.720	92	2850	1.003	ug/l	89
53) t-1,3-Dichloropropene	8.988	75	1427	0.839	ug/l #	76
54) cis-1,3-Dichloropropene	8.372	75	1550	0.849	ug/l #	78
55) 1,1,2-Trichloroethane	9.159	97	1183	1.013	ug/l #	83
56) Ethyl methacrylate	9.116	69	1437	0.835	ug/l	91
57) 1,3-Dichloropropane	9.311	76	1969	0.976	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	3666	4.521	ug/l	93
59) 2-Hexanone	9.433	43	4560	4.441	ug/l	88
60) Dibromochloromethane	9.519	129	969	0.805	ug/l	78
61) 1,2-Dibromoethane	9.610	107	1348	1.039	ug/l	91
64) Tetrachloroethene	9.275	164	983	0.927	ug/l #	66
65) Chlorobenzene	10.079	112	2981	0.994	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	10.165	131	1270	1.084	ug/l #	56
67) Ethyl Benzene	10.195	91	5127	0.943	ug/l	90
68) m/p-Xylenes	10.305	106	3644	1.808	ug/l	82
69) o-Xylene	10.640	106	1990	0.989	ug/l	99
70) Styrene	10.659	104	2815	0.873	ug/l	91
71) Bromoform	10.799	173	691	0.885	ug/l #	97
73) Isopropylbenzene	10.963	105	4709	0.891	ug/l	98
74) N-amyl acetate	10.841	43	1339	0.796	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	11.219	83	1635	0.991	ug/l	95
76) 1,2,3-Trichloropropane	11.238	75	1571m	0.830	ug/l	
77) Bromobenzene	11.201	156	1067	0.929	ug/l	76
78) n-propylbenzene	11.305	91	5232	0.868	ug/l	95
79) 2-Chlorotoluene	11.366	91	3394	0.909	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	3867	0.870	ug/l	97
82) 4-Chlorotoluene	11.457	91	4126	0.955	ug/l	92
83) tert-Butylbenzene	11.719	119	4399	1.004	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	3740	0.866	ug/l	99
85) sec-Butylbenzene	11.890	105	4869	0.897	ug/l	99
86) p-Isopropyltoluene	12.012	119	3983	0.909	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	1916	0.897	ug/l	85
88) 1,4-Dichlorobenzene	12.042	146	2178m	1.012	ug/l	
89) n-Butylbenzene	12.335	91	3031	0.802	ug/l	96
90) Hexachloroethane	12.542	117	642	0.853	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	2045	0.977	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	12.951	75	578	1.276	ug/l	66
93) 1,2,4-Trichlorobenzene	13.591	180	1058	0.864	ug/l	86
94) Hexachlorobutadiene	13.725	225	566	1.089	ug/l	92
95) Naphthalene	13.780	128	4277	0.892	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1033	0.829	ug/l	87

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

