

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031882.D
 Acq On : 05 Oct 2022 09:48
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 05 11:40:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 11:38:55 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	122178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187970	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129488	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	1302	0.824	ug/l	93
3) Chloromethane	1.288	50	1326	0.801	ug/l	100
4) Vinyl Chloride	1.374	62	1616	0.766	ug/l	99
6) Chloroethane	1.684	64	1212	0.574	ug/l	# 59
7) Trichlorofluoromethane	1.886	101	3510	0.815	ug/l	95
8) Diethyl Ether	2.130	74	1278	0.911	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	1600	0.860	ug/l	# 81
12) 1,1-Dichloroethene	2.318	96	1729	1.013	ug/l	# 57
14) Allyl chloride	2.660	41	1457	0.669	ug/l	# 80
15) Acrylonitrile	3.068	53	3488	4.382	ug/l	89
16) Acetone	2.398	43	2843	4.543	ug/l	90
17) Carbon Disulfide	2.507	76	3065	0.651	ug/l	# 95
18) Methyl Acetate	2.715	43	1518	0.741	ug/l	# 73
19) Methyl tert-butyl Ether	3.111	73	4538	0.816	ug/l	92
20) Methylene Chloride	2.782	84	2221	1.160	ug/l	# 78
21) trans-1,2-Dichloroethene	3.087	96	1827	0.913	ug/l	# 77
22) Diisopropyl ether	3.757	45	3729	0.807	ug/l	# 75
23) Vinyl Acetate	3.727	43	12166	3.519	ug/l	95
24) 1,1-Dichloroethane	3.611	63	2637	0.849	ug/l	# 89
25) 2-Butanone	4.586	43	4306	4.287	ug/l	92
26) 2,2-Dichloropropane	4.483	77	1739	0.656	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	2039m	0.876	ug/l	
28) Bromochloromethane	4.885	49	1050	0.837	ug/l	# 36
29) Tetrahydrofuran	5.031	42	2480	3.999	ug/l	# 70
30) Chloroform	5.092	83	3171	0.853	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	2620	0.743	ug/l	# 46
36) 1,1-Dichloropropene	5.684	75	2222	0.872	ug/l	94
37) Ethyl Acetate	4.727	43	1740	0.902	ug/l	# 84
38) Carbon Tetrachloride	5.678	117	2502	0.791	ug/l	85
39) Methylcyclohexane	7.379	83	2826	0.904	ug/l	# 76
40) Benzene	6.037	78	6599	0.897	ug/l	95
41) Methacrylonitrile	4.928	41	813	0.776	ug/l	# 83
42) 1,2-Dichloroethane	6.086	62	2094	0.812	ug/l	96
43) Isopropyl Acetate	6.342	43	2335	0.749	ug/l	97
44) Trichloroethene	7.129	130	2249	0.946	ug/l	92
45) 1,2-Dichloropropane	7.433	63	1374	0.797	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1268	0.882	ug/l #	77
47) Bromodichloromethane	7.818	83	2069	0.719	ug/l #	83
48) Methyl methacrylate	7.696	41	1076	0.771	ug/l #	82
49) 1,4-Dioxane	7.714	88	672	14.859	ug/l #	74
51) 4-Methyl-2-Pentanone	8.580	43	8156	4.167	ug/l	92
52) Toluene	8.720	92	4727	0.916	ug/l	85
53) t-1,3-Dichloropropene	8.982	75	1653	0.603	ug/l #	84
54) cis-1,3-Dichloropropene	8.372	75	1881	0.626	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	1905	0.926	ug/l	88
56) Ethyl methacrylate	9.122	69	1912	0.804	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	2686	0.841	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.244	63	4625	3.774	ug/l #	77
59) 2-Hexanone	9.439	43	5586	3.926	ug/l	92
60) Dibromochloromethane	9.525	129	1543	0.618	ug/l	99
61) 1,2-Dibromoethane	9.610	107	1817	0.796	ug/l	100
64) Tetrachloroethene	9.275	164	2161	0.920	ug/l	91
65) Chlorobenzene	10.079	112	5192	0.911	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.165	131	1566	0.714	ug/l #	61
67) Ethyl Benzene	10.195	91	8155	0.869	ug/l	94
68) m/p-Xylenes	10.299	106	6925	1.788	ug/l	89
69) o-Xylene	10.646	106	3369	0.903	ug/l	89
70) Styrene	10.658	104	4739	0.781	ug/l	96
71) Bromoform	10.799	173	1053	0.571	ug/l #	92
73) Isopropylbenzene	10.963	105	8500	0.929	ug/l	100
74) N-amyl acetate	10.841	43	1432	0.668	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	2416	0.928	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	2014m	0.855	ug/l	
77) Bromobenzene	11.201	156	2137	0.886	ug/l	85
78) n-propylbenzene	11.305	91	8659	0.866	ug/l	100
79) 2-Chlorotoluene	11.366	91	5675	0.940	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	6710	0.879	ug/l	98
82) 4-Chlorotoluene	11.457	91	6556	0.940	ug/l	96
83) tert-Butylbenzene	11.713	119	6612	0.856	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	6477	0.852	ug/l	92
85) sec-Butylbenzene	11.890	105	7988	0.860	ug/l	96
86) p-Isopropyltoluene	12.012	119	6963	0.859	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	4342	0.954	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	4720m	0.993	ug/l	
89) n-Butylbenzene	12.335	91	5080	0.793	ug/l	99
90) Hexachloroethane	12.536	117	826	0.565	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	4312	0.946	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	321	0.586	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	2586	0.927	ug/l	96
94) Hexachlorobutadiene	13.725	225	1024	0.892	ug/l	95
95) Naphthalene	13.774	128	8182	0.941	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2605	0.963	ug/l	97

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

