

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031896.D
 Acq On : 05 Oct 2022 15:43
 Operator : JC/MD
 Sample : VX1005WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS01

Quant Time: Oct 05 16:09:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 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	5.556	168	135155	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	180149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92156	45.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.540%		
35) Dibromofluoromethane	5.391	113	99282	50.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.740%		
50) Toluene-d8	8.647	98	341963	48.980	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.960%		
62) 4-Bromofluorobenzene	11.079	95	125798	50.091	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	32962	21.061	ug/l	97
3) Chloromethane	1.288	50	24783	17.913	ug/l	99
4) Vinyl Chloride	1.374	62	32286	18.111	ug/l	99
5) Bromomethane	1.611	94	32205	19.316	ug/l	98
6) Chloroethane	1.685	64	23285	15.067	ug/l	99
7) Trichlorofluoromethane	1.886	101	65859	17.772	ug/l	99
8) Diethyl Ether	2.130	74	21486	17.314	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.325	101	33423	18.638	ug/l	# 78
10) Methyl Iodide	2.453	142	31390	17.376	ug/l	95
11) Tert butyl alcohol	2.983	59	30373m	109.884	ug/l	
12) 1,1-Dichloroethene	2.319	96	31380	18.478	ug/l	# 75
13) Acrolein	2.239	56	15853	90.968	ug/l	99
14) Allyl chloride	2.666	41	31874	18.079	ug/l	# 92
15) Acrylonitrile	3.068	53	70133	93.105	ug/l	98
16) Acetone	2.386	43	53576	90.859	ug/l	89
17) Carbon Disulfide	2.514	76	58426	17.449	ug/l	99
18) Methyl Acetate	2.703	43	35782	18.735	ug/l	# 77
19) Methyl tert-butyl Ether	3.117	73	96262	18.537	ug/l	94
20) Methylene Chloride	2.788	84	33818	17.413	ug/l	# 76
21) trans-1,2-Dichloroethene	3.093	96	35013	18.407	ug/l	# 83
22) Diisopropyl ether	3.757	45	75595	18.275	ug/l	# 78
23) Vinyl Acetate	3.721	43	286347	93.548	ug/l	# 87
24) 1,1-Dichloroethane	3.611	63	50406	17.829	ug/l	96
25) 2-Butanone	4.562	43	86962	92.595	ug/l	# 82
26) 2,2-Dichloropropane	4.483	77	37583	17.612	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	41110	18.458	ug/l	75
28) Bromochloromethane	4.897	49	19252	17.198	ug/l	# 33
29) Tetrahydrofuran	5.007	42	55822	95.499	ug/l	# 72
30) Chloroform	5.092	83	62105	17.906	ug/l	99
31) Cyclohexane	5.470	56	42469	18.059	ug/l	# 80
32) 1,1,1-Trichloroethane	5.385	97	56153	18.401	ug/l	# 94
36) 1,1-Dichloropropene	5.696	75	43801	19.145	ug/l	92
37) Ethyl Acetate	4.721	43	34045	19.264	ug/l	# 91
38) Carbon Tetrachloride	5.678	117	51613	19.160	ug/l	100
39) Methylcyclohexane	7.385	83	54651	18.643	ug/l	# 81
40) Benzene	6.037	78	130240	18.932	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17623	19.285	ug/l #	82
42) 1,2-Dichloroethane	6.086	62	42906	18.774	ug/l	89
43) Isopropyl Acetate	6.342	43	52816	19.582	ug/l #	87
44) Trichloroethene	7.129	130	46103	19.691	ug/l	78
45) 1,2-Dichloropropane	7.434	63	29786	19.429	ug/l	98
46) Dibromomethane	7.580	93	25759	19.009	ug/l #	77
47) Bromodichloromethane	7.824	83	43347	18.733	ug/l #	97
48) Methyl methacrylate	7.696	41	25364	19.915	ug/l #	79
49) 1,4-Dioxane	7.690	88	18234	420.668	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	177860	98.018	ug/l	88
52) Toluene	8.720	92	92506	18.991	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	39273	18.823	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	46279	19.294	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	37580	18.757	ug/l	94
56) Ethyl methacrylate	9.116	69	46077	19.973	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	57204	19.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	112233	97.032	ug/l #	76
59) 2-Hexanone	9.433	43	132092	100.269	ug/l	85
60) Dibromochloromethane	9.525	129	38761	19.230	ug/l	99
61) 1,2-Dibromoethane	9.610	107	41621	19.569	ug/l	96
64) Tetrachloroethene	9.275	164	46718	19.735	ug/l	94
65) Chlorobenzene	10.079	112	108461	19.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	39930	20.742	ug/l	97
67) Ethyl Benzene	10.195	91	174421	19.911	ug/l	94
68) m/p-Xylenes	10.305	106	147124	39.837	ug/l	90
69) o-Xylene	10.640	106	72977	20.101	ug/l	87
70) Styrene	10.659	104	115687	20.225	ug/l	93
71) Bromoform	10.799	173	28176	17.933	ug/l #	98
73) Isopropylbenzene	10.963	105	187723	19.143	ug/l	97
74) N-amyl acetate	10.848	43	43255	20.067	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	52230	19.139	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	44047m	18.764	ug/l	
77) Bromobenzene	11.201	156	52966	19.869	ug/l	79
78) n-propylbenzene	11.305	91	200409	19.188	ug/l	92
79) 2-Chlorotoluene	11.366	91	119230	18.683	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	157150	19.363	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	9700	17.234	ug/l	87
82) 4-Chlorotoluene	11.457	91	137907	18.933	ug/l	91
83) tert-Butylbenzene	11.713	119	158951	19.405	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	162701	20.069	ug/l	95
85) sec-Butylbenzene	11.890	105	188994	19.128	ug/l	95
86) p-Isopropyltoluene	12.012	119	168364	19.283	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	97299	19.328	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	99237	19.127	ug/l	97
89) n-Butylbenzene	12.335	91	124327	19.139	ug/l	96
90) Hexachloroethane	12.536	117	22076	18.883	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	97513	19.381	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9727	20.075	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.591	180	63809	19.969	ug/l	98
94) Hexachlorobutadiene	13.725	225	25746	19.782	ug/l	98
95) Naphthalene	13.774	128	210937	20.951	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	65332	20.259	ug/l	97

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

