

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024614.D
 Acq On : 06 Oct 2021 13:09
 Operator : JC/MD
 Sample : VX1006WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:33:39 PM

Quant Time: Oct 06 15:22:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	213706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	322937	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143771	47.734	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.460%		
35) Dibromofluoromethane	5.391	113	113158	52.746	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.500%		
50) Toluene-d8	8.653	98	369803	46.834	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.660%		
62) 4-Bromofluorobenzene	11.085	95	141153	45.466	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38757	18.023	ug/l	97
3) Chloromethane	1.295	50	35810	17.667	ug/l	98
4) Vinyl Chloride	1.374	62	36579	17.252	ug/l	98
5) Bromomethane	1.599	94	22046	15.449	ug/l	97
6) Chloroethane	1.685	64	21813	15.625	ug/l	97
7) Trichlorofluoromethane	1.886	101	60377	16.136	ug/l	95
8) Diethyl Ether	2.136	74	21190	16.638	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	42270	20.034	ug/l	99
10) Methyl Iodide	2.453	142	42975	14.557	ug/l	95
11) Tert butyl alcohol	2.971	59	54110	68.254	ug/l	100
12) 1,1-Dichloroethene	2.319	96	37142	18.960	ug/l	92
13) Acrolein	2.239	56	29628	184.620	ug/l	96
14) Allyl chloride	2.666	41	69932	19.526	ug/l	95
15) Acrylonitrile	3.069	53	126921	92.757	ug/l	99
16) Acetone	2.386	43	141708	105.655	ug/l	91
17) Carbon Disulfide	2.514	76	81655	16.324	ug/l	97
18) Methyl Acetate	2.709	43	80821	17.920	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	143721	19.467	ug/l	99
20) Methylene Chloride	2.788	84	45459	19.473	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	40799	18.340	ug/l	95
22) Diisopropyl ether	3.764	45	141024	19.272	ug/l	91
23) Vinyl Acetate	3.727	43	559540	94.429	ug/l	97
24) 1,1-Dichloroethane	3.611	63	78890	19.417	ug/l	99
25) 2-Butanone	4.562	43	193339	93.209	ug/l	94
26) 2,2-Dichloropropane	4.483	77	69723	19.077	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	49767	19.141	ug/l	98
28) Bromochloromethane	4.904	49	29814	16.165	ug/l	97
29) Tetrahydrofuran	5.013	42	114155	86.370	ug/l	92
30) Chloroform	5.099	83	84180	18.760	ug/l	100
31) Cyclohexane	5.477	56	66273	18.376	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	73985	18.572	ug/l	98
36) 1,1-Dichloropropene	5.696	75	59133	19.101	ug/l	100
37) Ethyl Acetate	4.721	43	68928	17.833	ug/l	96
38) Carbon Tetrachloride	5.684	117	63698	18.902	ug/l	97
39) Methylcyclohexane	7.379	83	68262	18.831	ug/l	95
40) Benzene	6.044	78	174672	19.731	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	38408	19.242	ug/l	92
42) 1,2-Dichloroethane	6.092	62	67685	18.206	ug/l	97
43) Isopropyl Acetate	6.348	43	107454	18.286	ug/l	95
44) Trichloroethene	7.129	130	45737	18.778	ug/l	95
45) 1,2-Dichloropropane	7.434	63	44096	19.308	ug/l	98
46) Dibromomethane	7.586	93	31980	18.673	ug/l	99
47) Bromodichloromethane	7.824	83	61587	19.622	ug/l	99
48) Methyl methacrylate	7.696	41	51693	17.766	ug/l	93
49) 1,4-Dioxane	7.659	88	23220	348.412	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	324254	83.585	ug/l	90
52) Toluene	8.720	92	104001	18.187	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	61985	17.424	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	72996	20.180	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	45046	19.051	ug/l	98
56) Ethyl methacrylate	9.122	69	67978	18.063	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	70553	17.684	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	175838	94.655	ug/l	99
59) 2-Hexanone	9.433	43	272520	89.203	ug/l	88
60) Dibromochloromethane	9.525	129	45734	17.828	ug/l	100
61) 1,2-Dibromoethane	9.616	107	44414	17.110	ug/l	99
64) Tetrachloroethene	9.275	164	38367	21.049	ug/l	95
65) Chlorobenzene	10.079	112	108522	19.780	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	41059	20.080	ug/l	99
67) Ethyl Benzene	10.195	91	192070	19.776	ug/l	98
68) m/p-Xylenes	10.305	106	149835	40.231	ug/l	96
69) o-Xylene	10.646	106	72599	19.713	ug/l	97
70) Styrene	10.659	104	120689	19.598	ug/l	96
71) Bromoform	10.805	173	30010	18.378	ug/l #	99
73) Isopropylbenzene	10.964	105	195694	20.190	ug/l	99
74) N-amyl acetate	10.848	43	82761	18.564	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	65715	19.172	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	61751m	19.833	ug/l	
77) Bromobenzene	11.201	156	48171	19.314	ug/l	97
78) n-propylbenzene	11.305	91	226574	19.997	ug/l	100
79) 2-Chlorotoluene	11.366	91	138694	20.095	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	170485	20.590	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	19490	18.521	ug/l	87
82) 4-Chlorotoluene	11.457	91	163450	20.127	ug/l	98
83) tert-Butylbenzene	11.719	119	166621	20.072	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	170887	20.757	ug/l	98
85) sec-Butylbenzene	11.896	105	208061	20.373	ug/l	99
86) p-Isopropyltoluene	12.012	119	178172	20.460	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	91315	19.225	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	94453	19.251	ug/l	99
89) n-Butylbenzene	12.335	91	157217	20.389	ug/l	96
90) Hexachloroethane	12.542	117	26396	18.433	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	91947	19.582	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15155	18.311	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	57673	19.291	ug/l	99
94) Hexachlorobutadiene	13.725	225	25900	18.939	ug/l	97
95) Naphthalene	13.780	128	187761	19.622	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59388	19.386	ug/l	99

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

