

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
 Data File : VX024009.D
 Acq On : 30 Aug 2021 13:07
 Operator : JC/MD
 Sample : VX0830WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/31/2021 5:41:24 PM

Quant Time: Aug 31 03:10:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	201987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	321570	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150129	53.254	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.500%			
35) Dibromofluoromethane	5.397	113	108071	50.776	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.560%			
50) Toluene-d8	8.653	98	399626	49.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.660%			
62) 4-Bromofluorobenzene	11.085	95	160900	53.955	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	40194	18.861	ug/l	98
3) Chloromethane	1.294	50	40480	17.303	ug/l	100
4) Vinyl Chloride	1.374	62	40392	17.703	ug/l	99
5) Bromomethane	1.605	94	28744	20.037	ug/l	97
6) Chloroethane	1.685	64	26332	15.908	ug/l	100
7) Trichlorofluoromethane	1.886	101	69459	19.277	ug/l	97
8) Diethyl Ether	2.142	74	25069	19.923	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	41737	20.586	ug/l	95
10) Methyl Iodide	2.453	142	48892	17.319	ug/l	93
11) Tert butyl alcohol	2.977	59	71883	126.086	ug/l	99
12) 1,1-Dichloroethene	2.319	96	38438	19.829	ug/l	91
13) Acrolein	2.239	56	33879	99.860	ug/l	100
14) Allyl chloride	2.666	41	73073	20.455	ug/l	89
15) Acrylonitrile	3.069	53	133611	105.184	ug/l	97
16) Acetone	2.386	43	136925	108.628	ug/l	91
17) Carbon Disulfide	2.514	76	91194	19.725	ug/l	100
18) Methyl Acetate	2.709	43	66749	21.213	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	150632	22.327	ug/l	99
20) Methylene Chloride	2.794	84	46206	19.191	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	41090	19.845	ug/l	94
22) Diisopropyl ether	3.770	45	150446	21.145	ug/l	95
23) Vinyl Acetate	3.727	43	627930	109.096	ug/l	94
24) 1,1-Dichloroethane	3.617	63	82201	20.759	ug/l	96
25) 2-Butanone	4.568	43	205067	107.410	ug/l	93
26) 2,2-Dichloropropane	4.483	77	71391	21.966	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	49842	20.230	ug/l	93
28) Bromochloromethane	4.910	49	31543	17.519	ug/l	90
29) Tetrahydrofuran	5.019	42	128609	103.998	ug/l	89
30) Chloroform	5.105	83	86515	20.634	ug/l	97
31) Cyclohexane	5.477	56	72476	20.011	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	75312	20.977	ug/l	98
36) 1,1-Dichloropropene	5.696	75	61439	20.631	ug/l	98
37) Ethyl Acetate	4.727	43	78119	21.340	ug/l	94
38) Carbon Tetrachloride	5.684	117	65690	21.154	ug/l	99
39) Methylcyclohexane	7.385	83	75412	20.798	ug/l	96
40) Benzene	6.050	78	178845	20.310	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	42226	21.279	ug/l	91
42) 1,2-Dichloroethane	6.098	62	76220	22.023	ug/l	93
43) Isopropyl Acetate	6.348	43	124183	21.688	ug/l	93
44) Trichloroethene	7.129	130	47683	19.602	ug/l	99
45) 1,2-Dichloropropane	7.434	63	48252	20.636	ug/l	97
46) Dibromomethane	7.586	93	33830	20.790	ug/l	96
47) Bromodichloromethane	7.824	83	63366	21.526	ug/l	97
48) Methyl methacrylate	7.696	41	60096	21.515	ug/l	85
49) 1,4-Dioxane	7.665	88	25121	425.538	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	400806	108.288	ug/l	90
52) Toluene	8.720	92	114477	20.062	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	72786	20.461	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	75934	21.288	ug/l #	92
55) 1,1,2-Trichloroethane	9.159	97	50073	21.315	ug/l	97
56) Ethyl methacrylate	9.122	69	77765	19.839	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	83216	21.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	169088	89.387	ug/l	96
59) 2-Hexanone	9.433	43	313065	110.037	ug/l	87
60) Dibromochloromethane	9.525	129	47674	19.443	ug/l	98
61) 1,2-Dibromoethane	9.616	107	51515	20.758	ug/l	100
64) Tetrachloroethene	9.275	164	47929	20.164	ug/l	95
65) Chlorobenzene	10.079	112	125782	20.254	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	45928	20.779	ug/l	98
67) Ethyl Benzene	10.195	91	225740	20.816	ug/l	99
68) m/p-Xylenes	10.305	106	172379	41.732	ug/l	98
69) o-Xylene	10.646	106	85414	21.042	ug/l	99
70) Styrene	10.659	104	138545	20.951	ug/l	97
71) Bromoform	10.805	173	35203	20.774	ug/l #	99
73) Isopropylbenzene	10.963	105	224388	19.891	ug/l	100
74) N-amyl acetate	10.848	43	104422	20.483	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	79148	21.408	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	72874m	21.123	ug/l	
77) Bromobenzene	11.201	156	54775	19.714	ug/l	99
78) n-propylbenzene	11.305	91	258120	20.005	ug/l	99
79) 2-Chlorotoluene	11.366	91	158343	20.304	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	191594	20.667	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	23513	20.047	ug/l #	86
82) 4-Chlorotoluene	11.457	91	183149	20.690	ug/l	98
83) tert-Butylbenzene	11.719	119	185828	20.639	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	191728	20.742	ug/l	98
85) sec-Butylbenzene	11.896	105	237394	20.826	ug/l	99
86) p-Isopropyltoluene	12.012	119	196294	20.923	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	104199	20.728	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	102136	20.372	ug/l	97
89) n-Butylbenzene	12.335	91	173943	20.765	ug/l	96
90) Hexachloroethane	12.542	117	30084	19.323	ug/l	91
91) 1,2-Dichlorobenzene	12.341	146	99040	20.337	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16506	20.380	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	60401	20.608	ug/l	96
94) Hexachlorobutadiene	13.731	225	27916	21.369	ug/l	99
95) Naphthalene	13.780	128	202225	19.497	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60422	20.699	ug/l	98

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

