

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083021\
 Data File : VX024008.D
 Acq On : 30 Aug 2021 12:40
 Operator : JC/MD
 Sample : VX0830WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/31/2021 5:41:22 PM

Quant Time: Aug 31 03:10:14 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	5.556	168	220808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	350656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	160760	52.165	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.320%			
35) Dibromofluoromethane	5.391	113	119315	51.409	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.820%			
50) Toluene-d8	8.653	98	438364	49.625	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.260%			
62) 4-Bromofluorobenzene	11.085	95	177023	54.438	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	44752	19.210	ug/l	99
3) Chloromethane	1.295	50	46451	18.163	ug/l	98
4) Vinyl Chloride	1.374	62	45970	18.430	ug/l	99
5) Bromomethane	1.599	94	30691	19.571	ug/l	99
6) Chloroethane	1.685	64	30220	16.620	ug/l	98
7) Trichlorofluoromethane	1.886	101	78288	19.876	ug/l	95
8) Diethyl Ether	2.142	74	26073	18.955	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	47367	21.371	ug/l	98
10) Methyl Iodide	2.453	142	53745	17.415	ug/l	91
11) Tert butyl alcohol	2.977	59	72254	115.934	ug/l	100
12) 1,1-Dichloroethene	2.319	96	42773	20.185	ug/l	91
13) Acrolein	2.239	56	33034	89.070	ug/l	96
14) Allyl chloride	2.666	41	81420	20.849	ug/l	89
15) Acrylonitrile	3.069	53	138509	99.745	ug/l	96
16) Acetone	2.386	43	162340	117.813	ug/l	88
17) Carbon Disulfide	2.514	76	105368	20.848	ug/l	99
18) Methyl Acetate	2.709	43	68867	20.020	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	161235	21.862	ug/l	100
20) Methylene Chloride	2.794	84	50205	19.074	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	46460	20.526	ug/l	85
22) Diisopropyl ether	3.770	45	163093	20.968	ug/l	96
23) Vinyl Acetate	3.727	43	672065	106.812	ug/l	94
24) 1,1-Dichloroethane	3.617	63	90619	20.934	ug/l	95
25) 2-Butanone	4.568	43	220561	105.678	ug/l	92
26) 2,2-Dichloropropane	4.483	77	80435	22.640	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	54223	20.132	ug/l	92
28) Bromochloromethane	4.904	49	34176	17.364	ug/l	91
29) Tetrahydrofuran	5.019	42	135883	100.514	ug/l	88
30) Chloroform	5.105	83	93646	20.431	ug/l	98
31) Cyclohexane	5.477	56	82317	20.791	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	83704	21.327	ug/l	98
36) 1,1-Dichloropropene	5.702	75	67144	20.677	ug/l	99
37) Ethyl Acetate	4.721	43	80589	20.189	ug/l	94
38) Carbon Tetrachloride	5.684	117	74140	21.895	ug/l	98
39) Methylcyclohexane	7.385	83	85443	21.610	ug/l	96
40) Benzene	6.044	78	195995	20.411	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43800	20.241	ug/l	92
42) 1,2-Dichloroethane	6.099	62	81599	21.622	ug/l	94
43) Isopropyl Acetate	6.348	43	131812	21.111	ug/l	92
44) Trichloroethene	7.129	130	54773	20.649	ug/l	100
45) 1,2-Dichloropropane	7.434	63	53218	20.871	ug/l	96
46) Dibromomethane	7.586	93	36525	20.584	ug/l	97
47) Bromodichloromethane	7.830	83	68633	21.381	ug/l	100
48) Methyl methacrylate	7.696	41	64249	21.094	ug/l	86
49) 1,4-Dioxane	7.665	88	25602	397.712	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	422083	104.578	ug/l	89
52) Toluene	8.720	92	127678	20.520	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	81132	20.868	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	84211	21.650	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	52587	20.529	ug/l	98
56) Ethyl methacrylate	9.122	69	84262	19.718	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	89435	21.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	168356	81.618	ug/l	97
59) 2-Hexanone	9.433	43	338647	109.155	ug/l	87
60) Dibromochloromethane	9.525	129	53243	19.872	ug/l	97
61) 1,2-Dibromoethane	9.610	107	55661	20.568	ug/l	99
64) Tetrachloroethene	9.275	164	54118	21.006	ug/l	95
65) Chlorobenzene	10.080	112	140324	20.848	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	50155	20.936	ug/l	98
67) Ethyl Benzene	10.195	91	254348	21.639	ug/l	99
68) m/p-Xylenes	10.305	106	194794	43.510	ug/l	98
69) o-Xylene	10.647	106	95428	21.690	ug/l	97
70) Styrene	10.659	104	155456	21.689	ug/l	96
71) Bromoform	10.805	173	38151	20.772	ug/l #	99
73) Isopropylbenzene	10.964	105	257414	20.828	ug/l	99
74) N-amyl acetate	10.848	43	115242	20.633	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	84964	20.977	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	79082m	20.922	ug/l	
77) Bromobenzene	11.201	156	61276	20.130	ug/l	100
78) n-propylbenzene	11.305	91	293444	20.759	ug/l	100
79) 2-Chlorotoluene	11.366	91	181426	21.235	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	216626	21.329	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26087	20.302	ug/l #	86
82) 4-Chlorotoluene	11.457	91	207054	21.350	ug/l	98
83) tert-Butylbenzene	11.719	119	209206	21.209	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	217123	21.440	ug/l	97
85) sec-Butylbenzene	11.896	105	271969	21.777	ug/l	100
86) p-Isopropyltoluene	12.012	119	223931	21.787	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	116875	21.222	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	114764	20.894	ug/l	97
89) n-Butylbenzene	12.335	91	200339	21.830	ug/l	98
90) Hexachloroethane	12.543	117	35049	20.455	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	112850	21.151	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17889	20.184	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	68064	21.196	ug/l	98
94) Hexachlorobutadiene	13.725	225	32935	23.012	ug/l	98
95) Naphthalene	13.780	128	220994	19.451	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67508	21.109	ug/l	98

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

