

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
 Data File : VX023807.D
 Acq On : 18 Aug 2021 11:24
 Operator : JC/MD
 Sample : VX0818WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0818WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:29:05 PM

Quant Time: Aug 18 13:41:24 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	199076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	311061	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131903	47.473	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.940%		
35) Dibromofluoromethane	5.391	113	101323	49.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.420%		
50) Toluene-d8	8.653	98	387040	49.392	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.780%		
62) 4-Bromofluorobenzene	11.085	95	145015	50.271	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.540%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	43004	20.474	ug/l	100
3) Chloromethane	1.295	50	43336	18.795	ug/l	98
4) Vinyl Chloride	1.374	62	44191	19.651	ug/l	99
5) Bromomethane	1.599	94	32621	23.072	ug/l	98
6) Chloroethane	1.685	64	27899	16.980	ug/l	96
7) Trichlorofluoromethane	1.886	101	73507	20.699	ug/l	94
8) Diethyl Ether	2.136	74	24161	19.482	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	40510	20.272	ug/l	93
10) Methyl Iodide	2.453	142	48543	17.447	ug/l	94
11) Tert butyl alcohol	2.977	59	56812	101.108	ug/l	99
12) 1,1-Dichloroethene	2.319	96	39261	20.550	ug/l	92
13) Acrolein	2.240	56	28245	84.471	ug/l	99
14) Allyl chloride	2.666	41	67445	19.155	ug/l	89
15) Acrylonitrile	3.069	53	124443	99.399	ug/l	98
16) Acetone	2.386	43	122907	98.933	ug/l	94
17) Carbon Disulfide	2.514	76	86054	18.885	ug/l	99
18) Methyl Acetate	2.709	43	60776	19.597	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	133232	20.037	ug/l	100
20) Methylene Chloride	2.794	84	43881	18.492	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	40994	20.088	ug/l	99
22) Diisopropyl ether	3.770	45	136858	19.516	ug/l	97
23) Vinyl Acetate	3.727	43	563544	99.342	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	77777	19.929	ug/l	97
25) 2-Butanone	4.568	43	187756	99.781	ug/l	91
26) 2,2-Dichloropropane	4.483	77	63280	19.756	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	47433	19.534	ug/l	96
28) Bromochloromethane	4.904	49	36408	20.517	ug/l	93
29) Tetrahydrofuran	5.019	42	117461	96.372	ug/l	90
30) Chloroform	5.099	83	79596	19.262	ug/l	99
31) Cyclohexane	5.477	56	70476	19.743	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	68941	19.483	ug/l	97
36) 1,1-Dichloropropene	5.696	75	59555	20.674	ug/l	99
37) Ethyl Acetate	4.727	43	70407	19.884	ug/l #	93
38) Carbon Tetrachloride	5.684	117	61008	20.310	ug/l	97
39) Methylcyclohexane	7.385	83	74167	21.146	ug/l	98
40) Benzene	6.044	78	171322	20.113	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37699	19.639	ug/l	91
42) 1,2-Dichloroethane	6.092	62	68079	20.336	ug/l	95
43) Isopropyl Acetate	6.349	43	108347	19.562	ug/l	93
44) Trichloroethene	7.129	130	46493	19.759	ug/l	91
45) 1,2-Dichloropropane	7.434	63	45067	19.925	ug/l	95
46) Dibromomethane	7.586	93	31900	20.266	ug/l	96
47) Bromodichloromethane	7.824	83	56157	19.721	ug/l	99
48) Methyl methacrylate	7.696	41	53444	19.780	ug/l	86
49) 1,4-Dioxane	7.665	88	23767	416.203	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	366532	102.374	ug/l	89
52) Toluene	8.720	92	109983	19.926	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	62520	18.408	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	68262	19.784	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	45066	19.832	ug/l	98
56) Ethyl methacrylate	9.122	69	69933	18.497	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	75054	19.914	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	168005	91.815	ug/l	96
59) 2-Hexanone	9.433	43	293247	106.553	ug/l	87
60) Dibromochloromethane	9.525	129	42347	17.992	ug/l	100
61) 1,2-Dibromoethane	9.610	107	47425	19.755	ug/l	100
64) Tetrachloroethene	9.275	164	48171	20.864	ug/l	96
65) Chlorobenzene	10.080	112	120227	19.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	42440	19.768	ug/l	98
67) Ethyl Benzene	10.195	91	213514	20.270	ug/l	99
68) m/p-Xylenes	10.305	106	166358	41.464	ug/l	100
69) o-Xylene	10.647	106	80155	20.330	ug/l	98
70) Styrene	10.659	104	133935	20.852	ug/l	97
71) Bromoform	10.805	173	30034	18.482	ug/l #	97
73) Isopropylbenzene	10.964	105	215492	19.758	ug/l	100
74) N-amyl acetate	10.848	43	96806	19.641	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.214	83	73084	20.447	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	67742m	20.309	ug/l	
77) Bromobenzene	11.201	156	53209	19.808	ug/l	97
78) n-propylbenzene	11.305	91	248444	19.917	ug/l	98
79) 2-Chlorotoluene	11.366	91	150927	20.018	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	182444	20.356	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	20132	17.754	ug/l #	84
82) 4-Chlorotoluene	11.457	91	173844	20.314	ug/l	100
83) tert-Butylbenzene	11.720	119	172274	19.791	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	183037	20.482	ug/l	98
85) sec-Butylbenzene	11.896	105	228135	20.701	ug/l	100
86) p-Isopropyltoluene	12.012	119	190136	20.963	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	99551	20.484	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	100331	20.699	ug/l	99
89) n-Butylbenzene	12.335	91	166766	20.592	ug/l	97
90) Hexachloroethane	12.543	117	27949	18.625	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	95111	20.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13631	17.723	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	56283	19.862	ug/l	99
94) Hexachlorobutadiene	13.725	225	26989	21.369	ug/l	98
95) Naphthalene	13.780	128	185489	18.563	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	57136	20.245	ug/l	98

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

