

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023547.D
 Acq On : 04 Aug 2021 17:59
 Operator : JC/MD
 Sample : VX0805WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0805WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:41:01 PM

Quant Time: Aug 05 06:08:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	200800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	326433	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138626	55.344	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.680%			
35) Dibromofluoromethane	5.397	113	110675	54.226	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.460%			
50) Toluene-d8	8.652	98	403359	53.791	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.580%			
62) 4-Bromofluorobenzene	11.085	95	146671	57.521	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	40309	21.820	ug/l	91
3) Chloromethane	1.294	50	45814	21.289	ug/l	100
4) Vinyl Chloride	1.373	62	46817	21.492	ug/l	99
5) Bromomethane	1.599	94	33592	25.974	ug/l	98
6) Chloroethane	1.684	64	30436	22.766	ug/l	99
7) Trichlorofluoromethane	1.885	101	75184	21.422	ug/l	99
8) Diethyl Ether	2.141	74	27923	21.556	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.330	101	43522	21.889	ug/l	96
10) Methyl Iodide	2.452	142	52265	20.980	ug/l	97
11) Tert butyl alcohol	2.977	59	63572	111.101	ug/l	97
12) 1,1-Dichloroethene	2.318	96	41568	21.068	ug/l	95
13) Acrolein	2.239	56	24073	83.670	ug/l	95
14) Allyl chloride	2.666	41	75125	20.943	ug/l	93
15) Acrylonitrile	3.068	53	146556	113.424	ug/l	98
16) Acetone	2.385	43	132932	108.188	ug/l	95
17) Carbon Disulfide	2.513	76	88526	18.196	ug/l	100
18) Methyl Acetate	2.708	43	67958	23.266	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	150158	21.888	ug/l	98
20) Methylene Chloride	2.794	84	50459	21.112	ug/l #	88
21) trans-1,2-Dichloroethene	3.099	96	44539	21.250	ug/l	100
22) Diisopropyl ether	3.769	45	157410	22.230	ug/l	91
23) Vinyl Acetate	3.733	43	695761	111.308	ug/l	95
24) 1,1-Dichloroethane	3.617	63	85413	21.946	ug/l	97
25) 2-Butanone	4.568	43	210967	110.596	ug/l	93
26) 2,2-Dichloropropane	4.489	77	67557	21.224	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	52428	21.539	ug/l	96
28) Bromochloromethane	4.915	49	39911	21.973	ug/l	92
29) Tetrahydrofuran	5.019	42	139467	111.543	ug/l	89
30) Chloroform	5.104	83	88141	22.127	ug/l	99
31) Cyclohexane	5.476	56	72982	19.669	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	75510	22.180	ug/l	98
36) 1,1-Dichloropropene	5.696	75	62598	21.199	ug/l	100
37) Ethyl Acetate	4.726	43	79844	21.445	ug/l #	95
38) Carbon Tetrachloride	5.690	117	63455	21.130	ug/l	96
39) Methylcyclohexane	7.384	83	77708	20.837	ug/l	95
40) Benzene	6.043	78	189696	21.666	ug/l	98

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41) Methacrylonitrile	4.928	41	42437	21.587	ug/l	92
42) 1,2-Dichloroethane	6.098	62	73704	22.768	ug/l	95
43) Isopropyl Acetate	6.348	43	126725	21.965	ug/l	93
44) Trichloroethene	7.134	130	51676	21.484	ug/l	91
45) 1,2-Dichloropropane	7.439	63	50097	21.623	ug/l	99
46) Dibromomethane	7.586	93	35168	22.379	ug/l	99
47) Bromodichloromethane	7.829	83	61840	21.842	ug/l	98
48) Methyl methacrylate	7.701	41	60633	22.692	ug/l	88
49) 1,4-Dioxane	7.665	88	26839	471.721	ug/l	98
51) 4-Methyl-2-Pentanone	8.579	43	423382	119.980	ug/l	90
52) Toluene	8.720	92	122570	22.597	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	69977	20.596	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	77015	21.821	ug/l	92
55) 1,1,2-Trichloroethane	9.158	97	51745	23.558	ug/l	99
56) Ethyl methacrylate	9.122	69	80532	22.873	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	85405	22.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	186865	100.188	ug/l	97
59) 2-Hexanone	9.433	43	328421	122.560	ug/l	88
60) Dibromochloromethane	9.524	129	47683	20.793	ug/l	99
61) 1,2-Dibromoethane	9.616	107	54182	23.121	ug/l	99
64) Tetrachloroethene	9.274	164	50784	21.228	ug/l	94
65) Chlorobenzene	10.085	112	132633	21.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	48815	21.220	ug/l	100
67) Ethyl Benzene	10.195	91	233415	21.875	ug/l	99
68) m/p-Xylenes	10.305	106	175994	42.886	ug/l	100
69) o-Xylene	10.646	106	88732	21.809	ug/l	97
70) Styrene	10.658	104	144251	22.377	ug/l	100
71) Bromoform	10.805	173	33430	20.291	ug/l #	99
73) Isopropylbenzene	10.963	105	230176	22.558	ug/l	98
74) N-amyl acetate	10.847	43	105114	22.580	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	77609	23.349	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	71740m	24.108	ug/l	
77) Bromobenzene	11.201	156	57183	23.231	ug/l	94
78) n-propylbenzene	11.304	91	259687	22.487	ug/l	100
79) 2-Chlorotoluene	11.365	91	155762	22.572	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	189756	22.835	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	22002	19.881	ug/l #	85
82) 4-Chlorotoluene	11.457	91	176347	22.589	ug/l	99
83) tert-Butylbenzene	11.719	119	186920	22.932	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	191977	23.226	ug/l	99
85) sec-Butylbenzene	11.896	105	235250	22.259	ug/l	99
86) p-Isopropyltoluene	12.012	119	192793	22.589	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	100138	21.990	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	100055	21.654	ug/l	99
89) n-Butylbenzene	12.335	91	165300	21.395	ug/l	98
90) Hexachloroethane	12.542	117	29208	20.281	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	99680	22.607	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	15586	20.628	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	59469	21.467	ug/l	97
94) Hexachlorobutadiene	13.725	225	26086	20.983	ug/l	100
95) Naphthalene	13.780	128	208676	21.909	ug/l	99
96) 1,2,3-Trichlorobenzene	13.962	180	59075	21.117	ug/l	100

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

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