

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022750.D
 Acq On : 17 Jun 2021 19:00
 Operator : JC/MD
 Sample : M2750-13MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20210616MS

Manual Integrations
 APPROVED

MMDadoda
 6/18/2021 8:59:27 AM

Quant Time: Jun 18 01:18:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	63158	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	128391	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54813	48.256	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.520%		
35) Dibromofluoromethane	5.397	113	39380	48.073	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.140%		
50) Toluene-d8	8.653	98	151564	46.936	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.880%		
62) 4-Bromofluorobenzene	11.085	95	58273	47.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	34903	47.093	ug/l	98
3) Chloromethane	1.294	50	39683	44.310	ug/l	97
4) Vinyl Chloride	1.374	62	39343	44.709	ug/l	97
5) Bromomethane	1.599	94	26944	56.286	ug/l	96
6) Chloroethane	1.678	64	26046	48.882	ug/l	100
7) Trichlorofluoromethane	1.880	101	61127	48.238	ug/l	97
8) Diethyl Ether	2.136	74	24950	48.737	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	37407	48.386	ug/l	91
10) Methyl Iodide	2.453	142	36543	42.159	ug/l	95
11) Tert butyl alcohol	2.983	59	62017	235.806	ug/l	99
12) 1,1-Dichloroethene	2.319	96	37245	48.573	ug/l	97
13) Acrolein	2.239	56	24335	220.798	ug/l	95
14) Allyl chloride	2.666	41	70186	47.346	ug/l	93
15) Acrylonitrile	3.075	53	131324	254.240	ug/l	98
16) Acetone	2.392	43	126122	247.970	ug/l	96
17) Carbon Disulfide	2.514	76	74569	43.217	ug/l	98
18) Methyl Acetate	2.715	43	67617	44.165	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	133898	50.326	ug/l	99
20) Methylene Chloride	2.794	84	47312	48.164	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	41446	48.780	ug/l	91
22) Diisopropyl ether	3.776	45	147380	50.236	ug/l	89
23) Vinyl Acetate	3.733	43	621380	229.829	ug/l	94
24) 1,1-Dichloroethane	3.617	63	84604	49.696	ug/l	96
25) 2-Butanone	4.568	43	210625	255.339	ug/l	95
26) 2,2-Dichloropropane	4.489	77	50716	39.062	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	50902	49.170	ug/l	97
28) Bromochloromethane	4.910	49	41581	50.512	ug/l	# 81
29) Tetrahydrofuran	5.019	42	121465	252.900	ug/l	89
30) Chloroform	5.105	83	86009	50.685	ug/l	96
31) Cyclohexane	5.477	56	62881	45.889	ug/l	93
32) 1,1,1-Trichloroethane	5.397	97	70161	48.731	ug/l	96
36) 1,1-Dichloropropene	5.702	75	60333	47.163	ug/l	98
37) Ethyl Acetate	4.727	43	73643	45.293	ug/l	# 92
38) Carbon Tetrachloride	5.690	117	56946	52.039	ug/l	99
39) Methylcyclohexane	7.385	83	63111	47.291	ug/l	95
40) Benzene	6.044	78	190901	50.159	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	44416	50.975	ug/l	92
42) 1,2-Dichloroethane	6.092	62	72288	51.638	ug/l	97
43) Isopropyl Acetate	6.354	43	122356	47.651	ug/l #	92
44) Trichloroethene	7.129	130	53452	59.827	ug/l	97
45) 1,2-Dichloropropane	7.440	63	51300	49.957	ug/l	95
46) Dibromomethane	7.586	93	33104	47.926	ug/l #	85
47) Bromodichloromethane	7.830	83	63621	47.478	ug/l	99
48) Methyl methacrylate	7.702	41	61993	50.291	ug/l	88
49) 1,4-Dioxane	7.665	88	24657	1050.956	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	428971	263.183	ug/l	89
52) Toluene	8.726	92	117831	49.744	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	67348	42.675	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	73786	43.479	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	49742	51.322	ug/l	98
56) Ethyl methacrylate	9.122	69	81785	46.805	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	87539	51.932	ug/l	99
59) 2-Hexanone	9.433	43	327713	263.154	ug/l	88
60) Dibromochloromethane	9.525	129	44108	46.565	ug/l	99
61) 1,2-Dibromoethane	9.616	107	49999	51.686	ug/l	97
64) Tetrachloroethene	9.275	164	40565	54.589	ug/l	90
65) Chlorobenzene	10.086	112	122973	50.213	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	42140	47.627	ug/l	97
67) Ethyl Benzene	10.195	91	230799	51.192	ug/l	97
68) m/p-Xylenes	10.305	106	168835	103.388	ug/l	95
69) o-Xylene	10.646	106	83800	52.963	ug/l	95
70) Styrene	10.659	104	143535	49.145	ug/l	98
71) Bromoform	10.805	173	25495	44.436	ug/l #	97
73) Isopropylbenzene	10.963	105	222594	54.195	ug/l	99
74) N-amyl acetate	10.848	43	106544	48.234	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	81275	55.633	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	71265m	53.734	ug/l	
77) Bromobenzene	11.201	156	45560	51.925	ug/l	83
78) n-propylbenzene	11.305	91	265558	53.529	ug/l	97
79) 2-Chlorotoluene	11.366	91	159206	53.034	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	184255	53.855	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	21331	42.636	ug/l	87
82) 4-Chlorotoluene	11.457	91	183882	53.527	ug/l	95
83) tert-Butylbenzene	11.719	119	173333	53.942	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	190315	54.841	ug/l	98
85) sec-Butylbenzene	11.896	105	226430	53.950	ug/l	97
86) p-Isopropyltoluene	12.012	119	183320	52.909	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	89132	53.521	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	87378	50.969	ug/l	96
89) n-Butylbenzene	12.335	91	173117	52.188	ug/l	97
90) Hexachloroethane	12.542	117	28137	48.944	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	87485	53.911	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15620	45.698	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	50006	51.365	ug/l	97
94) Hexachlorobutadiene	13.725	225	17356	49.714	ug/l	98
95) Naphthalene	13.780	128	208996	49.185	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	51156	53.900	ug/l	97

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

