

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022868.D
 Acq On : 24 Jun 2021 13:13
 Operator : JC/MD
 Sample : VX0624WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:23:46 PM

Quant Time: Jun 25 05:37:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	67443	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	128858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57086	46.641	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.280%
35) Dibromofluoromethane	5.391	113	40183	49.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.220%
50) Toluene-d8	8.653	98	155386	48.452	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.900%
62) 4-Bromofluorobenzene	11.085	95	56973	47.601	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	17598	18.494	ug/l	99
3) Chloromethane	1.294	50	17930	17.160	ug/l	98
4) Vinyl Chloride	1.374	62	16906	17.534	ug/l	93
5) Bromomethane	1.599	94	10255	19.307	ug/l	91
6) Chloroethane	1.685	64	10404	17.460	ug/l	95
7) Trichlorofluoromethane	1.886	101	24905	17.781	ug/l	95
8) Diethyl Ether	2.136	74	10093	18.669	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	16246	18.525	ug/l	89
10) Methyl Iodide	2.453	142	15539	17.472	ug/l	92
11) Tert butyl alcohol	2.971	59	22554	88.417	ug/l	99
12) 1,1-Dichloroethene	2.319	96	14957	17.095	ug/l	90
13) Acrolein	2.239	56	12780	80.554	ug/l	98
14) Allyl chloride	2.666	41	28850	17.356	ug/l	92
15) Acrylonitrile	3.068	53	54504	93.468	ug/l	99
16) Acetone	2.386	43	46581	85.846	ug/l	91
17) Carbon Disulfide	2.514	76	34037	16.789	ug/l	100
18) Methyl Acetate	2.709	43	24107	18.053	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	57043	18.180	ug/l	95
20) Methylene Chloride	2.794	84	19185	18.067	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	16289	16.782	ug/l	94
22) Diisopropyl ether	3.769	45	62689	18.130	ug/l	# 97
23) Vinyl Acetate	3.727	43	272254	93.862	ug/l	94
24) 1,1-Dichloroethane	3.611	63	32246	17.456	ug/l	99
25) 2-Butanone	4.568	43	75746	89.769	ug/l	92
26) 2,2-Dichloropropane	4.477	77	23803	16.980	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	19358	17.969	ug/l	95
28) Bromochloromethane	4.903	49	16217	18.634	ug/l	# 81
29) Tetrahydrofuran	5.013	42	50341	92.753	ug/l	87
30) Chloroform	5.105	83	32331	17.400	ug/l	97
31) Cyclohexane	5.476	56	31100	17.998	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	26361	17.658	ug/l	96
36) 1,1-Dichloropropene	5.696	75	24035	17.561	ug/l	95
37) Ethyl Acetate	4.721	43	29662	18.709	ug/l	# 87
38) Carbon Tetrachloride	5.684	117	20991	18.285	ug/l	89
39) Methylcyclohexane	7.385	83	29835	18.687	ug/l	99
40) Benzene	6.043	78	73339	18.582	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	15946	18.257	ug/l	90
42) 1,2-Dichloroethane	6.092	62	27923	19.230	ug/l	96
43) Isopropyl Acetate	6.348	43	46810	18.364	ug/l #	92
44) Trichloroethene	7.129	130	16427	17.551	ug/l	86
45) 1,2-Dichloropropane	7.433	63	19116	18.779	ug/l	99
46) Dibromomethane	7.586	93	12479	18.478	ug/l #	85
47) Bromodichloromethane	7.824	83	21737	17.844	ug/l	98
48) Methyl methacrylate	7.696	41	22747	19.282	ug/l	87
49) 1,4-Dioxane	7.665	88	9312	366.695	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	151430	95.456	ug/l	91
52) Toluene	8.720	92	43709	18.321	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	24677	17.747	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	26835	17.284	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	18344	19.164	ug/l	97
56) Ethyl methacrylate	9.116	69	28936	18.106	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	32652	18.766	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	80597	95.065	ug/l	95
59) 2-Hexanone	9.433	43	115399	95.885	ug/l	88
60) Dibromochloromethane	9.525	129	13812	17.306	ug/l	92
61) 1,2-Dibromoethane	9.610	107	18116	18.635	ug/l	98
64) Tetrachloroethene	9.275	164	14512	17.520	ug/l	93
65) Chlorobenzene	10.085	112	44840	18.064	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	14377	17.922	ug/l	95
67) Ethyl Benzene	10.195	91	84694	18.529	ug/l	99
68) m/p-Xylenes	10.305	106	62300	36.703	ug/l	93
69) o-Xylene	10.646	106	31294	18.943	ug/l	100
70) Styrene	10.659	104	50787	18.521	ug/l	97
71) Bromoform	10.805	173	8039	17.289	ug/l #	99
73) Isopropylbenzene	10.963	105	80259	18.759	ug/l	99
74) N-amyl acetate	10.847	43	38979	17.533	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	27974	19.037	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	25938m	19.421	ug/l	
77) Bromobenzene	11.201	156	16399	18.433	ug/l	83
78) n-propylbenzene	11.305	91	95721	18.491	ug/l	97
79) 2-Chlorotoluene	11.366	91	57484	18.392	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	66370	18.892	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	6985	18.799	ug/l #	81
82) 4-Chlorotoluene	11.457	91	66663	18.456	ug/l	95
83) tert-Butylbenzene	11.719	119	60876	18.349	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	67020	18.955	ug/l	98
85) sec-Butylbenzene	11.896	105	84615	18.912	ug/l	98
86) p-Isopropyltoluene	12.012	119	65972	18.556	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	32054	18.675	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	31577	17.594	ug/l	93
89) n-Butylbenzene	12.335	91	62346	18.443	ug/l	97
90) Hexachloroethane	12.542	117	9358	16.885	ug/l	74
91) 1,2-Dichlorobenzene	12.335	146	33218	19.829	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4931	17.052	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	17108	18.413	ug/l	94
94) Hexachlorobutadiene	13.725	225	6851	18.818	ug/l	99
95) Naphthalene	13.780	128	69639	18.169	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	18223	19.472	ug/l	93

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

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