

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022889.D
 Acq On : 25 Jun 2021 00:25
 Operator : JC/MD
 Sample : VX0624WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:24:00 PM

Quant Time: Jun 25 05:42:13 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	5.562	168	63548	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.775	114	129761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57314	49.697	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.400%		
35) Dibromofluoromethane	5.397	113	40273	48.874	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.740%		
50) Toluene-d8	8.653	98	157362	48.727	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.460%		
62) 4-Bromofluorobenzene	11.085	95	56692	47.037	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	17486	19.503	ug/l	98
3) Chloromethane	1.294	50	18516	18.807	ug/l	93
4) Vinyl Chloride	1.373	62	17949	19.757	ug/l	98
5) Bromomethane	1.599	94	9818	19.617	ug/l	98
6) Chloroethane	1.684	64	10995	19.583	ug/l	91
7) Trichlorofluoromethane	1.886	101	25406	19.250	ug/l	95
8) Diethyl Ether	2.142	74	9646	18.936	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	15570	18.843	ug/l	89
10) Methyl Iodide	2.453	142	17393	20.026	ug/l	95
11) Tert butyl alcohol	2.977	59	23220	96.607	ug/l	100
12) 1,1-Dichloroethene	2.318	96	15373	18.647	ug/l	93
13) Acrolein	2.239	56	11298	75.577	ug/l	100
14) Allyl chloride	2.666	41	28497	18.194	ug/l	91
15) Acrylonitrile	3.068	53	53901	98.099	ug/l	99
16) Acetone	2.385	43	48076	94.032	ug/l	97
17) Carbon Disulfide	2.514	76	35492	18.205	ug/l	98
18) Methyl Acetate	2.715	43	24967	19.843	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	57704	19.518	ug/l	99
20) Methylene Chloride	2.794	84	19605	19.562	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	17342	18.962	ug/l	93
22) Diisopropyl ether	3.775	45	63470	19.481	ug/l	93
23) Vinyl Acetate	3.733	43	271457	99.323	ug/l	94
24) 1,1-Dichloroethane	3.617	63	33472	19.231	ug/l	95
25) 2-Butanone	4.574	43	76995	96.842	ug/l	# 87
26) 2,2-Dichloropropane	4.483	77	19015	14.396	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	19668	19.376	ug/l	96
28) Bromochloromethane	4.903	49	15437	18.825	ug/l	# 76
29) Tetrahydrofuran	5.025	42	50962	99.652	ug/l	87
30) Chloroform	5.098	83	33152	18.936	ug/l	92
31) Cyclohexane	5.482	56	30985	19.030	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	26791	19.046	ug/l	94
36) 1,1-Dichloropropene	5.702	75	24278	17.615	ug/l	98
37) Ethyl Acetate	4.727	43	29640	18.565	ug/l	95
38) Carbon Tetrachloride	5.684	117	21012	18.176	ug/l	95
39) Methylcyclohexane	7.391	83	28444	17.692	ug/l	99
40) Benzene	6.043	78	74996	18.870	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	16459	18.713	ug/l	92
42) 1,2-Dichloroethane	6.098	62	28164	19.261	ug/l	98
43) Isopropyl Acetate	6.348	43	47591	18.541	ug/l	92
44) Trichloroethene	7.129	130	17929	19.023	ug/l	84
45) 1,2-Dichloropropane	7.439	63	19135	18.667	ug/l	96
46) Dibromomethane	7.586	93	12809	18.834	ug/l #	83
47) Bromodichloromethane	7.830	83	21924	17.868	ug/l	98
48) Methyl methacrylate	7.696	41	22236	18.718	ug/l	86
49) 1,4-Dioxane	7.665	88	9675	378.338	ug/l #	94
51) 4-Methyl-2-Pentanone	8.579	43	154997	97.024	ug/l	90
52) Toluene	8.720	92	45270	18.843	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	23140	16.778	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	26835	17.181	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	18024	18.699	ug/l	96
56) Ethyl methacrylate	9.122	69	29565	18.334	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	33259	18.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	77923	91.479	ug/l	95
59) 2-Hexanone	9.433	43	117953	97.326	ug/l	87
60) Dibromochloromethane	9.524	129	14306	17.696	ug/l	99
61) 1,2-Dibromoethane	9.616	107	17855	18.238	ug/l	98
64) Tetrachloroethene	9.281	164	15645	18.919	ug/l #	87
65) Chlorobenzene	10.085	112	45236	18.254	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	15036	18.775	ug/l	98
67) Ethyl Benzene	10.195	91	83934	18.394	ug/l	100
68) m/p-Xylenes	10.305	106	63981	37.756	ug/l	98
69) o-Xylene	10.646	106	31020	18.808	ug/l	94
70) Styrene	10.658	104	52360	19.127	ug/l	96
71) Bromoform	10.805	173	7998	17.245	ug/l #	99
73) Isopropylbenzene	10.963	105	81810	19.093	ug/l	97
74) N-amyl acetate	10.847	43	39360	17.661	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.219	83	28065	19.070	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	24590m	18.384	ug/l	
77) Bromobenzene	11.201	156	16294	18.287	ug/l	81
78) n-propylbenzene	11.305	91	97080	18.725	ug/l	96
79) 2-Chlorotoluene	11.366	91	59304	18.946	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	68808	19.557	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	6378	17.715	ug/l #	81
82) 4-Chlorotoluene	11.457	91	66891	18.491	ug/l	94
83) tert-Butylbenzene	11.719	119	62245	18.734	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	69091	19.511	ug/l	97
85) sec-Butylbenzene	11.896	105	85002	18.970	ug/l	97
86) p-Isopropyltoluene	12.012	119	65712	18.455	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	32157	18.707	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	33044	18.384	ug/l	95
89) n-Butylbenzene	12.335	91	59682	17.629	ug/l	97
90) Hexachloroethane	12.542	117	9526	17.102	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	32099	19.132	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4968	17.130	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	16785	18.038	ug/l	98
94) Hexachlorobutadiene	13.731	225	6842	18.765	ug/l	99
95) Naphthalene	13.780	128	69297	18.065	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	17440	18.607	ug/l	98

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

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