

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022848.D
 Acq On : 23 Jun 2021 18:31
 Operator : JC/MD
 Sample : VX0623WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 5:00:08 PM

Quant Time: Jun 24 03:36:54 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	64810	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	129218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	58638	49.86	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.72%		
35) Dibromofluoromethane	5.397	113	40887	49.83	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.66%		
50) Toluene-d8	8.653	98	160920	50.04	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.08%		
62) 4-Bromofluorobenzene	11.085	95	57842	48.19	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.38%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	17586	19.23	ug/l	96
3) Chloromethane	1.294	50	18828	18.75	ug/l	96
4) Vinyl Chloride	1.374	62	16984	18.33	ug/l	100
5) Bromomethane	1.599	94	10680	20.92	ug/l	94
6) Chloroethane	1.685	64	11005	19.22	ug/l	99
7) Trichlorofluoromethane	1.886	101	25246	18.76	ug/l	96
8) Diethyl Ether	2.142	74	9610	18.50	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	16240	19.27	ug/l	89
10) Methyl Iodide	2.453	142	13929	16.56	ug/l	94
11) Tert butyl alcohol	2.977	59	22768	92.88	ug/l	99
12) 1,1-Dichloroethene	2.319	96	15788	18.78	ug/l	88
13) Acrolein	2.245	56	12817	84.07	ug/l	96
14) Allyl chloride	2.666	41	28910	18.10	ug/l	92
15) Acrylonitrile	3.075	53	55471	98.99	ug/l	99
16) Acetone	2.386	43	47924	91.91	ug/l	95
17) Carbon Disulfide	2.514	76	35049	17.74	ug/l	98
18) Methyl Acetate	2.715	43	25450	19.83	ug/l	# 87
19) Methyl tert-butyl Ether	3.123	73	56933	18.88	ug/l	100
20) Methylene Chloride	2.794	84	19572	19.16	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	17123	18.36	ug/l	99
22) Diisopropyl ether	3.776	45	62458	18.80	ug/l	# 91
23) Vinyl Acetate	3.733	43	267152	95.84	ug/l	# 92
24) 1,1-Dichloroethane	3.617	63	33303	18.76	ug/l	99
25) 2-Butanone	4.568	43	77567	95.66	ug/l	92
26) 2,2-Dichloropropane	4.483	77	24325	18.06	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	19285	18.63	ug/l	93
28) Bromochloromethane	4.903	49	15751	18.83	ug/l	# 80
29) Tetrahydrofuran	5.019	42	51804	99.33	ug/l	# 87
30) Chloroform	5.105	83	33897	18.98	ug/l	94
31) Cyclohexane	5.483	56	30436	18.33	ug/l	90
32) 1,1,1-Trichloroethane	5.397	97	26533	18.50	ug/l	96
36) 1,1-Dichloropropene	5.702	75	24611	17.93	ug/l	95
37) Ethyl Acetate	4.727	43	29169	18.35	ug/l	96
38) Carbon Tetrachloride	5.684	117	20899	18.15	ug/l	98
39) Methylcyclohexane	7.385	83	28985	18.10	ug/l	92
40) Benzene	6.043	78	74430	18.81	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	16401	18.73	ug/l	89
42) 1,2-Dichloroethane	6.098	62	27561	18.93	ug/l	96
43) Isopropyl Acetate	6.354	43	48207	18.86	ug/l #	91
44) Trichloroethene	7.135	130	17060	18.18	ug/l	94
45) 1,2-Dichloropropane	7.433	63	18592	18.21	ug/l	97
46) Dibromomethane	7.586	93	12024	17.75	ug/l #	87
47) Bromodichloromethane	7.830	83	22519	18.34	ug/l	96
48) Methyl methacrylate	7.696	41	21854	18.47	ug/l	88
49) 1,4-Dioxane	7.665	88	10069	395.40	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	156021	98.08	ug/l	90
52) Toluene	8.726	92	45411	18.98	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	23958	17.30	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	26610	17.12	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	18202	18.96	ug/l	96
56) Ethyl methacrylate	9.122	69	28968	18.08	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	31819	18.24	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	76986	90.80	ug/l	94
59) 2-Hexanone	9.433	43	117222	97.13	ug/l	86
60) Dibromochloromethane	9.525	129	14144	17.60	ug/l	100
61) 1,2-Dibromoethane	9.610	107	17935	18.40	ug/l	99
64) Tetrachloroethene	9.275	164	15327	18.54	ug/l #	85
65) Chlorobenzene	10.085	112	45650	18.43	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	15105	18.87	ug/l	98
67) Ethyl Benzene	10.195	91	84436	18.51	ug/l	98
68) m/p-Xylenes	10.305	106	64200	37.90	ug/l	97
69) o-Xylene	10.646	106	31436	19.07	ug/l	98
70) Styrene	10.659	104	52942	19.35	ug/l	97
71) Bromoform	10.805	173	7562	16.56	ug/l #	99
73) Isopropylbenzene	10.963	105	81938	19.02	ug/l	97
74) N-amyl acetate	10.848	43	40022	17.84	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	27777	18.77	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	25790m	19.18	ug/l	
77) Bromobenzene	11.201	156	16837	18.80	ug/l	84
78) n-propylbenzene	11.305	91	95627	18.35	ug/l	98
79) 2-Chlorotoluene	11.366	91	57890	18.40	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	68859	19.47	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	6733	18.28	ug/l #	80
82) 4-Chlorotoluene	11.457	91	65745	18.08	ug/l	96
83) tert-Butylbenzene	11.719	119	62152	18.61	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	68055	19.12	ug/l	96
85) sec-Butylbenzene	11.896	105	83935	18.63	ug/l	96
86) p-Isopropyltoluene	12.012	119	67113	18.75	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	32053	18.55	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	32925	18.22	ug/l	96
89) n-Butylbenzene	12.335	91	61462	18.06	ug/l	97
90) Hexachloroethane	12.542	117	9375	16.82	ug/l	71
91) 1,2-Dichlorobenzene	12.341	146	31811	18.86	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5050	17.28	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	16662	17.81	ug/l	95
94) Hexachlorobutadiene	13.731	225	6818	18.60	ug/l	95
95) Naphthalene	13.780	128	70569	18.27	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	17627	18.71	ug/l	99

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

