

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
 Data File : VX022232.D
 Acq On : 27 May 2021 15:06
 Operator : JC/MD
 Sample : VX0528WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 2:37:45 PM

Quant Time: May 27 16:03:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	92652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	187779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	78537	54.95	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.90%			
35) Dibromofluoromethane	5.397	113	60448	50.76	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.52%			
50) Toluene-d8	8.653	98	232256	50.63	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.26%			
62) 4-Bromofluorobenzene	11.085	95	86638	51.10	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.20%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	19903	17.67	ug/l	99
3) Chloromethane	1.294	50	22966	18.90	ug/l	98
4) Vinyl Chloride	1.374	62	24791	19.28	ug/l	99
5) Bromomethane	1.599	94	19842	26.47	ug/l	98
6) Chloroethane	1.684	64	15213	19.87	ug/l	92
7) Trichlorofluoromethane	1.886	101	34435	18.63	ug/l	95
8) Diethyl Ether	2.142	74	15632	19.66	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	19545	17.81	ug/l	93
10) Methyl Iodide	2.453	142	21846	18.52	ug/l	96
11) Tert butyl alcohol	2.977	59	37732	115.43	ug/l	98
12) 1,1-Dichloroethene	2.319	96	20504	19.31	ug/l	93
13) Acrolein	2.245	56	10307	47.54	ug/l	96
14) Allyl chloride	2.666	41	39240	20.12	ug/l	97
15) Acrylonitrile	3.074	53	73339	113.96	ug/l	99
16) Acetone	2.386	43	65504	105.26	ug/l	98
17) Carbon Disulfide	2.514	76	42033	15.11	ug/l	99
18) Methyl Acetate	2.715	43	38014	22.97	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	75799	20.84	ug/l	95
20) Methylene Chloride	2.794	84	26897	19.47	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	23389	20.25	ug/l	95
22) Diisopropyl ether	3.769	45	80245	21.36	ug/l	93
23) Vinyl Acetate	3.733	43	382655	105.80	ug/l	97
24) 1,1-Dichloroethane	3.617	63	45873	20.81	ug/l	95
25) 2-Butanone	4.574	43	113483	112.72	ug/l	92
26) 2,2-Dichloropropane	4.483	77	36567	18.69	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	29769	21.19	ug/l	99
28) Bromochloromethane	4.910	49	24019	22.46	ug/l	83
29) Tetrahydrofuran	5.019	42	66356	110.73	ug/l	91
30) Chloroform	5.105	83	46593	20.46	ug/l	96
31) Cyclohexane	5.476	56	32268	17.97	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	39109	20.09	ug/l	97
36) 1,1-Dichloropropene	5.696	75	32869	18.93	ug/l	97
37) Ethyl Acetate	4.733	43	41933	19.70	ug/l	97
38) Carbon Tetrachloride	5.684	117	30593	18.01	ug/l	97
39) Methylcyclohexane	7.391	83	33227	16.87	ug/l	98
40) Benzene	6.050	78	104822	19.62	ug/l	95

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41) Methacrylonitrile	4.928	41	23636	20.76	ug/l	94
42) 1,2-Dichloroethane	6.098	62	38357	20.49	ug/l	97
43) Isopropyl Acetate	6.354	43	71311	20.48	ug/l	95
44) Trichloroethene	7.135	130	25061	18.88	ug/l	91
45) 1,2-Dichloropropane	7.440	63	27919	20.49	ug/l	92
46) Dibromomethane	7.586	93	18940	20.48	ug/l #	85
47) Bromodichloromethane	7.830	83	34474	18.63	ug/l	97
48) Methyl methacrylate	7.696	41	33217	20.70	ug/l	92
49) 1,4-Dioxane	7.665	88	14120	451.99	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	226862	108.78	ug/l	92
52) Toluene	8.720	92	65552	19.37	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	40628	19.02	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	44393	19.33	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	27498	20.02	ug/l	99
56) Ethyl methacrylate	9.122	69	44796	20.18	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	48333	20.61	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	122139	101.73	ug/l	97
59) 2-Hexanone	9.433	43	172788	110.16	ug/l	91
60) Dibromochloromethane	9.525	129	24364	18.23	ug/l	97
61) 1,2-Dibromoethane	9.616	107	27451	20.07	ug/l	98
64) Tetrachloroethene	9.275	164	20522	18.57	ug/l	89
65) Chlorobenzene	10.079	112	68687	19.61	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	23722	19.49	ug/l	97
67) Ethyl Benzene	10.195	91	127205	19.74	ug/l	99
68) m/p-Xylenes	10.305	106	93599	38.43	ug/l	97
69) o-Xylene	10.646	106	46806	19.76	ug/l	100
70) Styrene	10.658	104	78573	20.25	ug/l	99
71) Bromoform	10.805	173	15054	17.09	ug/l #	99
73) Isopropylbenzene	10.963	105	119948	19.04	ug/l	99
74) N-amyl acetate	10.847	43	61460	20.55	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	42948	20.56	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	38906m	21.18	ug/l	
77) Bromobenzene	11.201	156	26514	19.85	ug/l	88
78) n-propylbenzene	11.305	91	140185	18.99	ug/l	100
79) 2-Chlorotoluene	11.366	91	85470	19.09	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	101695	19.47	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	13044	16.83	ug/l	92
82) 4-Chlorotoluene	11.457	91	97380	18.88	ug/l	97
83) tert-Butylbenzene	11.719	119	93863	18.74	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	105413	20.05	ug/l	98
85) sec-Butylbenzene	11.896	105	119602	18.79	ug/l	99
86) p-Isopropyltoluene	12.012	119	100043	18.61	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	50402	19.57	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	49392	18.55	ug/l	96
89) n-Butylbenzene	12.335	91	90862	18.27	ug/l	99
90) Hexachloroethane	12.542	117	14401	16.21	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	49176	19.88	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8776	19.64	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	28909	19.36	ug/l	97
94) Hexachlorobutadiene	13.725	225	9966	17.10	ug/l	97
95) Naphthalene	13.780	128	122969	21.12	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30201	20.07	ug/l	94

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

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