

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022432.D
 Acq On : 04 Jun 2021 23:17
 Operator : JC/MD
 Sample : VX0604WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 6:51:06 PM

Quant Time: Jun 05 03:25:46 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	73823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	151517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61797	54.266	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.540%
35) Dibromofluoromethane	5.391	113	46897	48.808	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.620%
50) Toluene-d8	8.653	98	176846	47.779	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.560%
62) 4-Bromofluorobenzene	11.085	95	65488	47.869	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.740%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	16402	18.276	ug/l	96
3) Chloromethane	1.295	50	18685	19.301	ug/l	99
4) Vinyl Chloride	1.374	62	20031	19.554	ug/l	98
5) Bromomethane	1.599	94	11401	19.090	ug/l	96
6) Chloroethane	1.685	64	12098	19.834	ug/l	99
7) Trichlorofluoromethane	1.886	101	28160	19.119	ug/l	98
8) Diethyl Ether	2.142	74	12044	19.014	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	16243	18.572	ug/l	93
10) Methyl Iodide	2.453	142	18370	19.545	ug/l	97
11) Tert butyl alcohol	2.977	59	28376	108.946	ug/l	97
12) 1,1-Dichloroethene	2.319	96	16360	19.336	ug/l	89
13) Acrolein	2.240	56	15237	88.205	ug/l	96
14) Allyl chloride	2.666	41	31266	20.120	ug/l	95
15) Acrylonitrile	3.075	53	56994	111.149	ug/l	100
16) Acetone	2.386	43	52225	105.324	ug/l	94
17) Carbon Disulfide	2.514	76	40085	18.089	ug/l	100
18) Methyl Acetate	2.709	43	28412	21.545	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	59129	20.401	ug/l	96
20) Methylene Chloride	2.794	84	21236	19.289	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	18837	20.468	ug/l	97
22) Diisopropyl ether	3.770	45	61238	20.460	ug/l	93
23) Vinyl Acetate	3.733	43	301261	104.538	ug/l	96
24) 1,1-Dichloroethane	3.617	63	35143	20.008	ug/l	98
25) 2-Butanone	4.568	43	88703	110.576	ug/l	91
26) 2,2-Dichloropropane	4.483	77	22648	14.525	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	22864	20.429	ug/l	98
28) Bromochloromethane	4.904	49	16573	19.449	ug/l #	82
29) Tetrahydrofuran	5.019	42	53108	111.231	ug/l	88
30) Chloroform	5.105	83	35743	19.695	ug/l	99
31) Cyclohexane	5.477	56	28420	19.860	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	28799	18.571	ug/l	96
36) 1,1-Dichloropropene	5.696	75	27002	19.272	ug/l	99
37) Ethyl Acetate	4.733	43	34553	20.118	ug/l #	93
38) Carbon Tetrachloride	5.690	117	23164	16.901	ug/l	94
39) Methylcyclohexane	7.391	83	27952	17.591	ug/l	98
40) Benzene	6.050	78	82895	19.229	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	18180	19.786	ug/l	93
42) 1,2-Dichloroethane	6.099	62	29365	19.444	ug/l	99
43) Isopropyl Acetate	6.349	43	55476	19.747	ug/l #	94
44) Trichloroethene	7.129	130	19809	18.492	ug/l	92
45) 1,2-Dichloropropane	7.434	63	21988	19.995	ug/l	96
46) Dibromomethane	7.586	93	13736	18.412	ug/l #	87
47) Bromodichloromethane	7.830	83	25312	16.955	ug/l	95
48) Methyl methacrylate	7.702	41	25463	19.668	ug/l	92
49) 1,4-Dioxane	7.665	88	10766	427.106	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	177871	105.701	ug/l	91
52) Toluene	8.720	92	51625	18.910	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	27916	16.199	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	31592	17.052	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	20980	18.930	ug/l	97
56) Ethyl methacrylate	9.122	69	34366	19.186	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	37140	19.628	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	86901	89.705	ug/l	96
59) 2-Hexanone	9.433	43	132683	104.836	ug/l	90
60) Dibromochloromethane	9.525	129	17099	15.859	ug/l	97
61) 1,2-Dibromoethane	9.616	107	20218	18.322	ug/l	99
64) Tetrachloroethene	9.275	164	16518	18.412	ug/l #	86
65) Chlorobenzene	10.086	112	53347	18.754	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	17547	17.753	ug/l	98
67) Ethyl Benzene	10.195	91	97662	18.663	ug/l	99
68) m/p-Xylenes	10.305	106	72220	36.518	ug/l	98
69) o-Xylene	10.647	106	35088	18.242	ug/l	97
70) Styrene	10.659	104	58107	18.441	ug/l	98
71) Bromoform	10.799	173	9776	13.953	ug/l #	98
73) Isopropylbenzene	10.964	105	91623	18.743	ug/l	99
74) N-amyl acetate	10.848	43	47442	20.446	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	32605	20.123	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	29020m	20.366	ug/l	
77) Bromobenzene	11.201	156	19914	19.213	ug/l	88
78) n-propylbenzene	11.305	91	108362	18.925	ug/l	97
79) 2-Chlorotoluene	11.366	91	63289	18.224	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	77623	19.159	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.025	75	8304	13.808	ug/l	87
82) 4-Chlorotoluene	11.457	91	74428	18.602	ug/l	96
83) tert-Butylbenzene	11.720	119	71176	18.317	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	76866	18.848	ug/l	100
85) sec-Butylbenzene	11.896	105	90727	18.374	ug/l	95
86) p-Isopropyltoluene	12.012	119	75711	18.154	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	35943	17.985	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	35651	17.259	ug/l	93
89) n-Butylbenzene	12.335	91	67147	17.405	ug/l	97
90) Hexachloroethane	12.543	117	10712	15.541	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	35828	18.665	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6298	18.164	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	20684	17.857	ug/l	95
94) Hexachlorobutadiene	13.725	225	7358	16.275	ug/l	96
95) Naphthalene	13.780	128	88411	19.572	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	20969	17.959	ug/l	97

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

