

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022383.D
 Acq On : 03 Jun 2021 22:16
 Operator : JC/MD
 Sample : VX0603WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS02

Manual Integrations
 APPROVED

MMdadoda
 6/4/2021 1:55:08 PM

Quant Time: Jun 04 03:56:09 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	76828	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	161437	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	145632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66960	56.500	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.000%
35) Dibromofluoromethane	5.397	113	50295	49.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.260%
50) Toluene-d8	8.653	98	192567	48.830	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.660%
62) 4-Bromofluorobenzene	11.085	95	71637	49.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	19784	21.182	ug/l	99
3) Chloromethane	1.294	50	23084	22.913	ug/l	97
4) Vinyl Chloride	1.374	62	23404	21.953	ug/l	97
5) Bromomethane	1.599	94	17910	28.816	ug/l	96
6) Chloroethane	1.685	64	13682	21.554	ug/l	94
7) Trichlorofluoromethane	1.886	101	32550	21.236	ug/l	98
8) Diethyl Ether	2.142	74	13422	20.361	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	19347	21.256	ug/l	90
10) Methyl Iodide	2.453	142	22335	22.834	ug/l	94
11) Tert butyl alcohol	2.977	59	33979	125.355	ug/l	100
12) 1,1-Dichloroethene	2.319	96	19186	21.789	ug/l	96
13) Acrolein	2.239	56	20051	111.532	ug/l	100
14) Allyl chloride	2.666	41	35862	22.175	ug/l	97
15) Acrylonitrile	3.075	53	67131	125.798	ug/l	99
16) Acetone	2.386	43	62112	120.363	ug/l	89
17) Carbon Disulfide	2.514	76	44534	19.310	ug/l	96
18) Methyl Acetate	2.715	43	33572	24.462	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	68090	22.574	ug/l	99
20) Methylene Chloride	2.794	84	24508	21.390	ug/l	# 88
21) trans-1,2-Dichloroethene	3.093	96	22044	23.016	ug/l	90
22) Diisopropyl ether	3.776	45	71730	23.028	ug/l	94
23) Vinyl Acetate	3.733	43	348900	116.334	ug/l	98
24) 1,1-Dichloroethane	3.617	63	41688	22.806	ug/l	99
25) 2-Butanone	4.574	43	104152	124.756	ug/l	92
26) 2,2-Dichloropropane	4.489	77	26086	16.076	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	26551	22.795	ug/l	97
28) Bromochloromethane	4.904	49	21274	23.990	ug/l	84
29) Tetrahydrofuran	5.019	42	60598	121.954	ug/l	91
30) Chloroform	5.105	83	41931	22.201	ug/l	92
31) Cyclohexane	5.477	56	33909	22.769	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	35210	21.817	ug/l	98
36) 1,1-Dichloropropene	5.702	75	31242	20.928	ug/l	97
37) Ethyl Acetate	4.727	43	39258	21.453	ug/l	94
38) Carbon Tetrachloride	5.684	117	28201	19.312	ug/l	94
39) Methylcyclohexane	7.385	83	33404	19.730	ug/l	99
40) Benzene	6.044	78	98589	21.465	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	20572	21.014	ug/l	94
42) 1,2-Dichloroethane	6.098	62	34252	21.286	ug/l	99
43) Isopropyl Acetate	6.355	43	63972	21.372	ug/l	94
44) Trichloroethene	7.129	130	23021	20.170	ug/l	98
45) 1,2-Dichloropropane	7.440	63	25133	21.450	ug/l	96
46) Dibromomethane	7.586	93	16826	21.168	ug/l #	84
47) Bromodichloromethane	7.824	83	29382	18.472	ug/l	97
48) Methyl methacrylate	7.702	41	30112	21.829	ug/l	88
49) 1,4-Dioxane	7.665	88	12897	480.206	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	205658	114.704	ug/l	91
52) Toluene	8.726	92	59791	20.555	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	32864	17.899	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	37566	19.030	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	24643	20.869	ug/l	98
56) Ethyl methacrylate	9.122	69	39945	20.931	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	42755	21.207	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	98709	95.633	ug/l	96
59) 2-Hexanone	9.433	43	156917	116.365	ug/l	90
60) Dibromochloromethane	9.525	129	20087	17.485	ug/l	99
61) 1,2-Dibromoethane	9.616	107	24494	20.833	ug/l	100
64) Tetrachloroethene	9.281	164	18945	19.814	ug/l	92
65) Chlorobenzene	10.086	112	62366	20.572	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.171	131	20764	19.711	ug/l	99
67) Ethyl Benzene	10.195	91	113112	20.282	ug/l	97
68) m/p-Xylenes	10.305	106	85071	40.362	ug/l	99
69) o-Xylene	10.646	106	41290	20.142	ug/l	98
70) Styrene	10.659	104	69053	20.563	ug/l	99
71) Bromoform	10.805	173	11516	15.274	ug/l #	98
73) Isopropylbenzene	10.963	105	108314	19.919	ug/l	100
74) N-amyl acetate	10.848	43	56276	21.804	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	38156	21.171	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	35211m	22.216	ug/l	
77) Bromobenzene	11.201	156	22455	19.476	ug/l	84
78) n-propylbenzene	11.305	91	128991	20.253	ug/l	97
79) 2-Chlorotoluene	11.366	91	76079	19.694	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	92607	20.549	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	9550	14.276	ug/l	88
82) 4-Chlorotoluene	11.457	91	88523	19.890	ug/l	97
83) tert-Butylbenzene	11.719	119	84376	19.521	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	90459	19.941	ug/l	99
85) sec-Butylbenzene	11.890	105	109349	19.909	ug/l	97
86) p-Isopropyltoluene	12.012	119	90137	19.430	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	43239	19.451	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	44295	19.278	ug/l	96
89) n-Butylbenzene	12.335	91	82295	19.178	ug/l	98
90) Hexachloroethane	12.542	117	11938	15.571	ug/l	78
91) 1,2-Dichlorobenzene	12.341	146	42763	20.028	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7538	19.545	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	24726	19.191	ug/l	96
94) Hexachlorobutadiene	13.725	225	8717	17.334	ug/l	97
95) Naphthalene	13.780	128	105106	20.918	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25349	19.518	ug/l	98

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

