

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022544.D
 Acq On : 07 Jun 2021 19:14
 Operator : JC/MD
 Sample : VX0607MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 6:58:28 PM

Quant Time: Jun 08 04:22:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	71978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	141144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57065	44.597	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.200%
35) Dibromofluoromethane	5.397	113	42094	47.667	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	8.653	98	166782	47.333	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.660%
62) 4-Bromofluorobenzene	11.085	95	61951	47.302	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	17204	20.496	ug/l	99
3) Chloromethane	1.295	50	18640	18.386	ug/l	95
4) Vinyl Chloride	1.374	62	18249	18.443	ug/l	99
5) Bromomethane	1.599	94	10920	21.005	ug/l	98
6) Chloroethane	1.685	64	11655	18.706	ug/l	98
7) Trichlorofluoromethane	1.886	101	26634	18.482	ug/l	93
8) Diethyl Ether	2.142	74	10536	17.933	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	15999	18.108	ug/l	92
10) Methyl Iodide	2.453	142	16014	15.398	ug/l	94
11) Tert butyl alcohol	2.977	59	23840	83.063	ug/l	98
12) 1,1-Dichloroethene	2.319	96	15394	16.866	ug/l	96
13) Acrolein	2.240	56	10719	80.419	ug/l	90
14) Allyl chloride	2.666	41	29185	17.439	ug/l	94
15) Acrylonitrile	3.075	53	52425	87.614	ug/l	100
16) Acetone	2.386	43	47903	83.313	ug/l	96
17) Carbon Disulfide	2.514	76	35392	17.833	ug/l	99
18) Methyl Acetate	2.715	43	27705	17.472	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	54625	17.950	ug/l	98
20) Methylene Chloride	2.794	84	20106	16.749	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	18284	17.788	ug/l	96
22) Diisopropyl ether	3.770	45	58122	17.312	ug/l	91
23) Vinyl Acetate	3.733	43	277412	87.806	ug/l	96
24) 1,1-Dichloroethane	3.617	63	33766	17.669	ug/l	99
25) 2-Butanone	4.568	43	81053	85.297	ug/l	96
26) 2,2-Dichloropropane	4.483	77	24023	16.404	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	20999	17.401	ug/l	99
28) Bromochloromethane	4.904	49	15303	15.842	ug/l #	80
29) Tetrahydrofuran	5.019	42	47891	85.879	ug/l	89
30) Chloroform	5.105	83	34878	18.173	ug/l	96
31) Cyclohexane	5.477	56	27637	18.258	ug/l	88
32) 1,1,1-Trichloroethane	5.391	97	27751	18.229	ug/l	97
36) 1,1-Dichloropropene	5.702	75	25627	18.769	ug/l	98
37) Ethyl Acetate	4.721	43	31307	17.876	ug/l	95
38) Carbon Tetrachloride	5.684	117	21900	18.443	ug/l	99
39) Methylcyclohexane	7.385	83	27324	19.059	ug/l	98
40) Benzene	6.050	78	77416	18.371	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	16877	17.514	ug/l	93
42) 1,2-Dichloroethane	6.099	62	28320	18.232	ug/l	99
43) Isopropyl Acetate	6.349	43	51512	18.132	ug/l #	93
44) Trichloroethene	7.135	130	18102	18.207	ug/l	85
45) 1,2-Dichloropropane	7.440	63	20110	18.553	ug/l	95
46) Dibromomethane	7.586	93	13386	18.118	ug/l #	83
47) Bromodichloromethane	7.830	83	23457	17.811	ug/l #	92
48) Methyl methacrylate	7.702	41	24386	18.447	ug/l	90
49) 1,4-Dioxane	7.665	88	9308	348.144	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	162480	91.804	ug/l	91
52) Toluene	8.720	92	47737	18.038	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	26433	17.387	ug/l	96
54) cis-1,3-Dichloropropene	8.373	75	29732	17.724	ug/l	91
55) 1,1,2-Trichloroethane	9.159	97	19816	19.211	ug/l	94
56) Ethyl methacrylate	9.122	69	31333	18.172	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	34484	18.499	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	87133	87.387	ug/l	95
59) 2-Hexanone	9.433	43	123683	91.477	ug/l	89
60) Dibromochloromethane	9.525	129	15288	17.353	ug/l	98
61) 1,2-Dibromoethane	9.616	107	19678	18.097	ug/l	100
64) Tetrachloroethene	9.281	164	15801	18.094	ug/l	91
65) Chlorobenzene	10.080	112	48917	18.047	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	16541	18.212	ug/l	97
67) Ethyl Benzene	10.195	91	91937	18.433	ug/l	98
68) m/p-Xylenes	10.305	106	68014	37.519	ug/l	97
69) o-Xylene	10.647	106	33987	19.175	ug/l	98
70) Styrene	10.659	104	55379	18.480	ug/l	98
71) Bromoform	10.805	173	8594	16.601	ug/l #	94
73) Isopropylbenzene	10.964	105	87946	19.272	ug/l	97
74) N-amyl acetate	10.848	43	43871	17.918	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	30398	18.506	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	27182m	18.740	ug/l	
77) Bromobenzene	11.201	156	18144	18.454	ug/l	83
78) n-propylbenzene	11.305	91	103762	18.735	ug/l	96
79) 2-Chlorotoluene	11.366	91	61181	18.563	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	73803	18.929	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	7464	17.353	ug/l #	81
82) 4-Chlorotoluene	11.457	91	71662	18.785	ug/l	96
83) tert-Butylbenzene	11.720	119	66058	19.019	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	73666	18.786	ug/l	98
85) sec-Butylbenzene	11.896	105	88077	19.056	ug/l	97
86) p-Isopropyltoluene	12.012	119	72921	19.088	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	34607	18.126	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	35167	17.680	ug/l	96
89) n-Butylbenzene	12.335	91	66703	18.185	ug/l	97
90) Hexachloroethane	12.543	117	9741	17.787	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	34537	19.060	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5234	16.697	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	19673	18.058	ug/l	95
94) Hexachlorobutadiene	13.725	225	7390	18.927	ug/l	99
95) Naphthalene	13.780	128	82691	18.933	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	19409	17.826	ug/l	96

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

