

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022417.D
 Acq On : 04 Jun 2021 17:01
 Operator : JC/MD
 Sample : VX0604MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604MBS01

Manual Integrations
 APPROVED

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6/7/2021 4:59:13 PM

Quant Time: Jun 05 03:20:29 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	5.568	168	79292	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.775	114	160601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	145558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64615	52.827	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.660%
35) Dibromofluoromethane	5.397	113	47864	46.997	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.000%
50) Toluene-d8	8.653	98	183893	46.873	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.740%
62) 4-Bromofluorobenzene	11.085	95	69647	48.029	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.060%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	20887	21.668	ug/l	99
3) Chloromethane	1.295	50	23983	23.065	ug/l	100
4) Vinyl Chloride	1.374	62	22650	20.586	ug/l	98
5) Bromomethane	1.599	94	13215	20.602	ug/l	85
6) Chloroethane	1.685	64	13878	21.183	ug/l	98
7) Trichlorofluoromethane	1.886	101	34157	21.591	ug/l	92
8) Diethyl Ether	2.142	74	12992	19.096	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	19935	21.221	ug/l	88
10) Methyl Iodide	2.459	142	20798	20.602	ug/l	95
11) Tert butyl alcohol	2.977	59	29638	105.943	ug/l	97
12) 1,1-Dichloroethene	2.325	96	19586	21.552	ug/l	95
13) Acrolein	2.246	56	15835	85.344	ug/l	99
14) Allyl chloride	2.672	41	38933	23.325	ug/l	96
15) Acrylonitrile	3.075	53	66409	120.578	ug/l	100
16) Acetone	2.392	43	61552	115.572	ug/l	97
17) Carbon Disulfide	2.514	76	53118	22.317	ug/l	98
18) Methyl Acetate	2.715	43	34977	24.694	ug/l	92
19) Methyl tert-butyl Ether	3.130	73	70027	22.494	ug/l	95
20) Methylene Chloride	2.794	84	25306	21.400	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	21654	21.906	ug/l	91
22) Diisopropyl ether	3.776	45	76145	23.686	ug/l	95
23) Vinyl Acetate	3.733	43	368153	118.939	ug/l	94
24) 1,1-Dichloroethane	3.623	63	43659	23.142	ug/l	97
25) 2-Butanone	4.574	43	102854	119.373	ug/l	91
26) 2,2-Dichloropropane	4.483	77	33542	20.028	ug/l	# 75
27) cis-1,2-Dichloroethene	4.501	96	25628	21.319	ug/l	93
28) Bromochloromethane	4.916	49	17652	19.287	ug/l	# 78
29) Tetrahydrofuran	5.026	42	60981	118.911	ug/l	88
30) Chloroform	5.111	83	41114	21.092	ug/l	100
31) Cyclohexane	5.483	56	35013	22.780	ug/l	95
32) 1,1,1-Trichloroethane	5.404	97	33977	20.398	ug/l	97
36) 1,1-Dichloropropene	5.702	75	31542	21.239	ug/l	97
37) Ethyl Acetate	4.733	43	41439	22.763	ug/l	# 92
38) Carbon Tetrachloride	5.690	117	27852	19.172	ug/l	88
39) Methylcyclohexane	7.391	83	33358	19.805	ug/l	96
40) Benzene	6.050	78	96879	21.202	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	21849	22.434	ug/l	93
42) 1,2-Dichloroethane	6.099	62	33401	20.865	ug/l	100
43) Isopropyl Acetate	6.355	43	65674	22.055	ug/l #	93
44) Trichloroethene	7.135	130	21878	19.268	ug/l	88
45) 1,2-Dichloropropane	7.440	63	25095	21.529	ug/l	98
46) Dibromomethane	7.586	93	16953	21.438	ug/l #	83
47) Bromodichloromethane	7.830	83	30884	19.517	ug/l	96
48) Methyl methacrylate	7.702	41	29899	21.788	ug/l	91
49) 1,4-Dioxane	7.665	88	10362	387.827	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	204581	114.697	ug/l	91
52) Toluene	8.726	92	61103	21.116	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	34902	19.108	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	39443	20.085	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	24516	20.870	ug/l	93
56) Ethyl methacrylate	9.122	69	39960	21.048	ug/l #	85
57) 1,3-Dichloropropane	9.317	76	42198	21.040	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.251	63	91484	89.094	ug/l	95
59) 2-Hexanone	9.433	43	155579	115.973	ug/l	89
60) Dibromochloromethane	9.531	129	20599	18.024	ug/l	97
61) 1,2-Dibromoethane	9.616	107	24011	20.529	ug/l	99
64) Tetrachloroethene	9.281	164	19902	20.826	ug/l	92
65) Chlorobenzene	10.086	112	60557	19.985	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	20161	19.148	ug/l	97
67) Ethyl Benzene	10.195	91	114115	20.472	ug/l	99
68) m/p-Xylenes	10.305	106	84826	40.266	ug/l	96
69) o-Xylene	10.647	106	41830	20.416	ug/l	98
70) Styrene	10.659	104	69668	20.756	ug/l	98
71) Bromoform	10.805	173	12120	16.008	ug/l #	100
73) Isopropylbenzene	10.964	105	108637	20.100	ug/l	100
74) N-amyl acetate	10.848	43	59891	23.345	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.220	83	39023	21.783	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	33722m	21.405	ug/l	
77) Bromobenzene	11.201	156	23252	20.290	ug/l	85
78) n-propylbenzene	11.305	91	130503	20.614	ug/l	98
79) 2-Chlorotoluene	11.366	91	77385	20.153	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	90988	20.312	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	11088	16.676	ug/l	90
82) 4-Chlorotoluene	11.457	91	90815	20.529	ug/l	96
83) tert-Butylbenzene	11.720	119	84982	19.780	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	94264	20.906	ug/l	98
85) sec-Butylbenzene	11.896	105	109833	20.118	ug/l	97
86) p-Isopropyltoluene	12.012	119	92833	20.132	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	43267	19.581	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	44073	19.297	ug/l	94
89) n-Butylbenzene	12.335	91	88141	20.664	ug/l	98
90) Hexachloroethane	12.543	117	13088	17.174	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	44129	20.792	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7775	20.282	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	24809	19.372	ug/l	96
94) Hexachlorobutadiene	13.725	225	7947	15.898	ug/l	99
95) Naphthalene	13.780	128	107650	21.554	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26145	20.253	ug/l	94

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

