

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022355.D
 Acq On : 03 Jun 2021 10:52
 Operator : JC/MD
 Sample : VX0603MBS01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603MBS01

Manual Integrations
 APPROVED

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 6/4/2021 1:54:37 PM

Quant Time: Jun 03 13:03:56 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	87386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	177575	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	76766	56.949	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.900%
35) Dibromofluoromethane	5.391	113	58390	51.852	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.700%
50) Toluene-d8	8.653	98	223848	51.603	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.200%
62) 4-Bromofluorobenzene	11.086	95	80599	50.269	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.540%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	21799	20.519	ug/l	97
3) Chloromethane	1.295	50	24478	21.361	ug/l	99
4) Vinyl Chloride	1.374	62	26004	21.445	ug/l	100
5) Bromomethane	1.599	94	18584	26.288	ug/l	95
6) Chloroethane	1.685	64	16177	22.406	ug/l	93
7) Trichlorofluoromethane	1.886	101	36790	21.102	ug/l	92
8) Diethyl Ether	2.136	74	15150	20.205	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	22045	21.294	ug/l	91
10) Methyl Iodide	2.453	142	24092	21.654	ug/l	93
11) Tert butyl alcohol	2.977	59	36360	117.932	ug/l	98
12) 1,1-Dichloroethene	2.319	96	22288	22.254	ug/l	94
13) Acrolein	2.240	56	24525	119.936	ug/l	100
14) Allyl chloride	2.666	41	41896	22.776	ug/l	97
15) Acrylonitrile	3.069	53	72053	118.708	ug/l	99
16) Acetone	2.386	43	66280	112.922	ug/l	96
17) Carbon Disulfide	2.514	76	54130	20.635	ug/l	100
18) Methyl Acetate	2.709	43	36116	23.137	ug/l	92
19) Methyl tert-butyl Ether	3.124	73	76509	22.300	ug/l	99
20) Methylene Chloride	2.794	84	27061	20.765	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	25339	23.260	ug/l	96
22) Diisopropyl ether	3.770	45	81196	22.917	ug/l #	95
23) Vinyl Acetate	3.733	43	391935	114.894	ug/l	98
24) 1,1-Dichloroethane	3.617	63	46996	22.603	ug/l	99
25) 2-Butanone	4.568	43	113169	119.179	ug/l	94
26) 2,2-Dichloropropane	4.483	77	38713	20.975	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	29958	22.613	ug/l	98
28) Bromochloromethane	4.910	49	23822	23.618	ug/l	82
29) Tetrahydrofuran	5.020	42	66601	117.841	ug/l	90
30) Chloroform	5.105	83	47486	22.105	ug/l	96
31) Cyclohexane	5.477	56	38541	22.752	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	39828	21.696	ug/l	98
36) 1,1-Dichloropropene	5.696	75	35880	21.851	ug/l	98
37) Ethyl Acetate	4.727	43	43580	21.651	ug/l	96
38) Carbon Tetrachloride	5.684	117	32537	20.256	ug/l	98
39) Methylcyclohexane	7.385	83	38982	20.932	ug/l	98
40) Benzene	6.044	78	109957	21.764	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	23226	21.569	ug/l	94
42) 1,2-Dichloroethane	6.093	62	38610	21.813	ug/l	99
43) Isopropyl Acetate	6.349	43	69748	21.184	ug/l	93
44) Trichloroethene	7.129	130	26841	21.379	ug/l	92
45) 1,2-Dichloropropane	7.440	63	27947	21.684	ug/l	98
46) Dibromomethane	7.586	93	18384	21.026	ug/l #	87
47) Bromodichloromethane	7.830	83	34340	19.627	ug/l	97
48) Methyl methacrylate	7.696	41	32500	21.419	ug/l	90
49) 1,4-Dioxane	7.665	88	13876	469.705	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	219355	111.224	ug/l	91
52) Toluene	8.720	92	66813	20.882	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	38547	19.086	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	43944	20.238	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	26759	20.602	ug/l	98
56) Ethyl methacrylate	9.122	69	42988	20.478	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	47176	21.274	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	112978	99.509	ug/l	97
59) 2-Hexanone	9.433	43	167947	113.226	ug/l	90
60) Dibromochloromethane	9.525	129	22517	17.819	ug/l	100
61) 1,2-Dibromoethane	9.610	107	27625	21.361	ug/l	100
64) Tetrachloroethene	9.281	164	22155	21.577	ug/l	97
65) Chlorobenzene	10.086	112	67856	20.843	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	22313	19.724	ug/l	97
67) Ethyl Benzene	10.195	91	126015	21.041	ug/l	99
68) m/p-Xylenes	10.305	106	91669	40.500	ug/l	95
69) o-Xylene	10.647	106	45131	20.501	ug/l	100
70) Styrene	10.659	104	73664	20.427	ug/l	97
71) Bromoform	10.805	173	12978	15.959	ug/l #	100
73) Isopropylbenzene	10.964	105	119361	21.478	ug/l	100
74) N-amyl acetate	10.848	43	59583	22.588	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	41336	22.441	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	37676m	23.258	ug/l	
77) Bromobenzene	11.201	156	24832	21.074	ug/l	88
78) n-propylbenzene	11.305	91	140126	21.527	ug/l	97
79) 2-Chlorotoluene	11.366	91	83316	21.103	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	97991	21.275	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	11844	17.324	ug/l	91
82) 4-Chlorotoluene	11.457	91	95356	20.964	ug/l	97
83) tert-Butylbenzene	11.720	119	92359	20.908	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	100233	21.619	ug/l	97
85) sec-Butylbenzene	11.896	105	119226	21.239	ug/l	98
86) p-Isopropyltoluene	12.012	119	98719	20.821	ug/l	97
87) 1,3-Dichlorobenzene	11.970	146	45737	20.131	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	47766	20.340	ug/l	96
89) n-Butylbenzene	12.335	91	89579	20.425	ug/l	98
90) Hexachloroethane	12.543	117	13605	17.363	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	45057	20.647	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8102	20.555	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	26369	20.025	ug/l	98
94) Hexachlorobutadiene	13.725	225	9452	18.390	ug/l	99
95) Naphthalene	13.780	128	110652	21.547	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	26354	19.854	ug/l	97

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

