

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022134.D
 Acq On : 21 May 2021 23:44
 Operator : JC/MD
 Sample : VX0521MBSD01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:50:33 PM

Quant Time: May 22 05:01:10 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	78344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	155232	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65723	54.38	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.76%			
35) Dibromofluoromethane	5.398	113	51192	52.00	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.00%			
50) Toluene-d8	8.653	98	198638	52.38	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.76%			
62) 4-Bromofluorobenzene	11.086	95	73147	52.19	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.38%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	17942	18.84	ug/l	91
3) Chloromethane	1.295	50	19228	18.72	ug/l	97
4) Vinyl Chloride	1.374	62	21257	19.55	ug/l	99
5) Bromomethane	1.599	94	11727	18.50	ug/l	90
6) Chloroethane	1.685	64	12947	20.00	ug/l	90
7) Trichlorofluoromethane	1.886	101	30457	19.49	ug/l	97
8) Diethyl Ether	2.142	74	12505	18.60	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	16654	17.94	ug/l	89
10) Methyl Iodide	2.453	142	19695	19.75	ug/l	95
11) Tert butyl alcohol	2.983	59	30838	111.57	ug/l	99
12) 1,1-Dichloroethene	2.319	96	15856	17.66	ug/l	86
13) Acrolein	2.246	56	13559	73.96	ug/l	94
14) Allyl chloride	2.666	41	31270	18.96	ug/l	96
15) Acrylonitrile	3.075	53	59275	108.93	ug/l	99
16) Acetone	2.392	43	55145	104.79	ug/l	96
17) Carbon Disulfide	2.514	76	40208	17.10	ug/l	98
18) Methyl Acetate	2.715	43	29523	21.10	ug/l	95
19) Methyl tert-butyl Ether	3.124	73	61610	20.03	ug/l	99
20) Methylene Chloride	2.794	84	21313	18.24	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	19241	19.70	ug/l	94
22) Diisopropyl ether	3.776	45	61261	19.29	ug/l	95
23) Vinyl Acetate	3.733	43	302613	98.95	ug/l	98
24) 1,1-Dichloroethane	3.617	63	36243	19.44	ug/l	98
25) 2-Butanone	4.574	43	90959	106.84	ug/l	93
26) 2,2-Dichloropropane	4.489	77	23405	14.14	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	23809	20.05	ug/l	94
28) Bromochloromethane	4.904	49	18490	20.45	ug/l	83
29) Tetrahydrofuran	5.020	42	53852	106.28	ug/l	92
30) Chloroform	5.111	83	37643	19.54	ug/l	94
31) Cyclohexane	5.483	56	27395	18.04	ug/l	99
32) 1,1,1-Trichloroethane	5.398	97	32883	19.98	ug/l	98
36) 1,1-Dichloropropene	5.702	75	27736	19.32	ug/l	97
37) Ethyl Acetate	4.733	43	34366	19.53	ug/l	94
38) Carbon Tetrachloride	5.690	117	27400	19.51	ug/l	97
39) Methylcyclohexane	7.385	83	28692	17.62	ug/l	97
40) Benzene	6.050	78	85951	19.46	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	18747	19.92	ug/l	96
42) 1,2-Dichloroethane	6.099	62	30179	19.50	ug/l	99
43) Isopropyl Acetate	6.349	43	57401	19.94	ug/l	95
44) Trichloroethene	7.129	130	20030	18.25	ug/l	87
45) 1,2-Dichloropropane	7.440	63	21135	18.76	ug/l	93
46) Dibromomethane	7.586	93	15069	19.71	ug/l #	84
47) Bromodichloromethane	7.830	83	29498	19.29	ug/l	97
48) Methyl methacrylate	7.702	41	26617	20.07	ug/l	91
49) 1,4-Dioxane	7.665	88	11448	443.29	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	180949	104.96	ug/l	92
52) Toluene	8.720	92	52744	18.86	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	31195	17.67	ug/l	96
54) cis-1,3-Dichloropropene	8.373	75	34086	17.96	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	22920	20.19	ug/l	97
56) Ethyl methacrylate	9.122	69	35289	19.23	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	38624	19.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	96221	96.95	ug/l	97
59) 2-Hexanone	9.433	43	138303	106.66	ug/l	91
60) Dibromochloromethane	9.525	129	21235	19.22	ug/l	99
61) 1,2-Dibromoethane	9.616	107	23021	20.36	ug/l	97
64) Tetrachloroethene	9.281	164	18477	19.76	ug/l	90
65) Chlorobenzene	10.086	112	55994	18.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	19942	19.36	ug/l	99
67) Ethyl Benzene	10.195	91	101568	18.62	ug/l	98
68) m/p-Xylenes	10.305	106	76967	37.34	ug/l	99
69) o-Xylene	10.647	106	38507	19.21	ug/l	100
70) Styrene	10.659	104	63309	19.28	ug/l	98
71) Bromoform	10.805	173	13106	17.54	ug/l #	100
73) Isopropylbenzene	10.970	105	99859	18.81	ug/l	99
74) N-amyl acetate	10.848	43	48857	19.39	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.220	83	36325	20.64	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	30333m	19.60	ug/l	
77) Bromobenzene	11.201	156	21683	19.26	ug/l	91
78) n-propylbenzene	11.305	91	113707	18.28	ug/l	100
79) 2-Chlorotoluene	11.366	91	68512	18.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	82891	18.84	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	9875	15.12	ug/l	91
82) 4-Chlorotoluene	11.457	91	78914	18.16	ug/l	97
83) tert-Butylbenzene	11.720	119	78520	18.60	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	83163	18.77	ug/l	99
85) sec-Butylbenzene	11.896	105	101688	18.96	ug/l	97
86) p-Isopropyltoluene	12.012	119	84083	18.56	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	39907	18.38	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	39866	17.77	ug/l	95
89) n-Butylbenzene	12.335	91	74235	17.72	ug/l	98
90) Hexachloroethane	12.543	117	12865	17.18	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	41435	19.87	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7578	20.12	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	23081	18.35	ug/l	97
94) Hexachlorobutadiene	13.731	225	8412	17.13	ug/l	94
95) Naphthalene	13.780	128	98533	20.08	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24430	19.26	ug/l	98

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

