

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021378.D
 Acq On : 23 Mar 2021 12:34
 Operator : JC/MD
 Sample : VX0323MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/24/2021 6:15:53 PM

Quant Time: Mar 23 15:04:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	74112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	123833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	58115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	60163	49.49	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.98%		
35) Dibromofluoromethane	5.458	113	42008	49.85	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.70%		
50) Toluene-d8	8.694	98	148089	48.44	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.88%		
62) 4-Bromofluorobenzene	11.118	95	59453	50.07	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.14%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	16216	18.31	ug/l	98
3) Chloromethane	1.311	50	19482	13.72	ug/l	98
4) Vinyl Chloride	1.393	62	15949	17.69	ug/l	99
5) Bromomethane	1.623	94	8039	20.41	ug/l	94
6) Chloroethane	1.705	64	9969	18.09	ug/l	99
7) Trichlorofluoromethane	1.911	101	26440	19.45	ug/l	97
8) Diethyl Ether	2.170	74	9275	19.39	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.364	101	15008	19.38	ug/l	95
10) Methyl Iodide	2.487	142	12348	18.26	ug/l #	87
11) Tert butyl alcohol	3.011	59	19145	93.75	ug/l	95
12) 1,1-Dichloroethene	2.352	96	13229	17.51	ug/l	83
13) Acrolein	2.270	56	12663	105.59	ug/l	99
14) Allyl chloride	2.705	41	27973	17.96	ug/l #	88
15) Acrylonitrile	3.111	53	45586	96.01	ug/l	98
16) Acetone	2.417	43	43215	96.62	ug/l	89
17) Carbon Disulfide	2.546	76	36564	16.98	ug/l	99
18) Methyl Acetate	2.746	43	22814	18.61	ug/l	92
19) Methyl tert-butyl Ether	3.164	73	53644	18.92	ug/l	96
20) Methylene Chloride	2.835	84	16798	18.26	ug/l	90
21) trans-1,2-Dichloroethene	3.140	96	14987	17.77	ug/l	94
22) Diisopropyl ether	3.823	45	56934	19.03	ug/l	96
23) Vinyl Acetate	3.782	43	245774	94.17	ug/l #	91
24) 1,1-Dichloroethane	3.664	63	30016	18.58	ug/l	94
25) 2-Butanone	4.629	43	64787	94.20	ug/l	91
26) 2,2-Dichloropropane	4.547	77	25131	17.83	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	18027	18.60	ug/l	90
28) Bromochloromethane	4.976	49	15157	19.91	ug/l	86
29) Tetrahydrofuran	5.088	42	42667	93.93	ug/l	86
30) Chloroform	5.176	83	32403	19.26	ug/l	97
31) Cyclohexane	5.547	56	26208	17.83	ug/l	94
32) 1,1,1-Trichloroethane	5.458	97	28094	18.85	ug/l	95
36) 1,1-Dichloropropene	5.764	75	22354	17.92	ug/l	95
37) Ethyl Acetate	4.788	43	25550	17.67	ug/l	94
38) Carbon Tetrachloride	5.747	117	24313	18.76	ug/l	100
39) Methylcyclohexane	7.435	83	24989	18.04	ug/l #	88
40) Benzene	6.106	78	65208	18.96	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	14902	17.96	ug/l #	88
42) 1,2-Dichloroethane	6.158	62	29170	19.66	ug/l	93
43) Isopropyl Acetate	6.411	43	43009	18.14	ug/l #	90
44) Trichloroethene	7.188	130	17189	18.82	ug/l	100
45) 1,2-Dichloropropane	7.482	63	17925	19.40	ug/l	97
46) Dibromomethane	7.635	93	13161	19.47	ug/l	90
47) Bromodichloromethane	7.870	83	26404	19.48	ug/l	99
48) Methyl methacrylate	7.741	41	22736	18.08	ug/l #	80
49) 1,4-Dioxane	7.712	88	8587	394.11	ug/l #	91
51) 4-Methyl-2-Pentanone	8.618	43	133963	97.11	ug/l	88
52) Toluene	8.765	92	41165	19.36	ug/l	100
53) t-1,3-Dichloropropene	9.018	75	25894	18.00	ug/l	100
54) cis-1,3-Dichloropropene	8.412	75	28458	18.53	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	17269	19.85	ug/l	96
56) Ethyl methacrylate	9.159	69	25990	18.58	ug/l #	74
57) 1,3-Dichloropropane	9.347	76	30130	19.90	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.288	63	70756	92.55	ug/l	94
59) 2-Hexanone	9.471	43	100956	97.78	ug/l	85
60) Dibromochloromethane	9.559	129	19543	19.73	ug/l	100
61) 1,2-Dibromoethane	9.653	107	18544	19.45	ug/l	99
64) Tetrachloroethene	9.318	164	15617	18.26	ug/l	94
65) Chlorobenzene	10.118	112	44215	18.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.200	131	17291	19.80	ug/l	97
67) Ethyl Benzene	10.235	91	80458	18.48	ug/l	99
68) m/p-Xylenes	10.341	106	58201	37.42	ug/l	92
69) o-Xylene	10.683	106	27985	18.51	ug/l	91
70) Styrene	10.694	104	48451	19.10	ug/l	94
71) Bromoform	10.841	173	14073	19.93	ug/l #	96
73) Isopropylbenzene	11.000	105	76940	17.82	ug/l	99
74) N-amyl acetate	10.877	43	37416	17.09	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	27454	19.16	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	27062m	20.07	ug/l	
77) Bromobenzene	11.236	156	18885	18.44	ug/l	93
78) n-propylbenzene	11.342	91	92857	18.39	ug/l	97
79) 2-Chlorotoluene	11.400	91	56233	18.34	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	68434	18.73	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	8222	16.56	ug/l #	82
82) 4-Chlorotoluene	11.494	91	67261	18.63	ug/l	95
83) tert-Butylbenzene	11.753	119	64073	18.43	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	69279	18.65	ug/l	98
85) sec-Butylbenzene	11.930	105	76383	18.64	ug/l	99
86) p-Isopropyltoluene	12.047	119	70649	18.81	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	34497	18.47	ug/l	97
88) 1,4-Dichlorobenzene	12.077	146	34987	18.31	ug/l	95
89) n-Butylbenzene	12.371	91	62096	18.14	ug/l	97
90) Hexachloroethane	12.577	117	12194	21.32	ug/l	91
91) 1,2-Dichlorobenzene	12.371	146	34706	19.05	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6253	17.01	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	21600	18.04	ug/l	96
94) Hexachlorobutadiene	13.765	225	9418	18.74	ug/l	95
95) Naphthalene	13.812	128	68992	16.74	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	20957	17.57	ug/l	98

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

