

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040121\
 Data File : VN066451.D
 Acq On : 1 Apr 2021 13:23
 Operator : JC/MD
 Sample : VN0401MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401MBS01

Manual Integrations
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SAM
 4/5/2021 6:03:21 PM

Quant Time: Apr 02 04:49:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	405950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	629412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	589800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	284144	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	255423	47.33	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.66%
35) Dibromofluoromethane	7.507	113	196283	47.04	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.08%
50) Toluene-d8	10.025	98	750389	47.41	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.82%
62) 4-Bromofluorobenzene	12.342	95	255137	46.41	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.82%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.816	85	102875	20.12	ug/l 100
3) Chloromethane	2.017	50	117272	21.10	ug/l 100
4) Vinyl Chloride	2.145	62	127506	21.79	ug/l 98
5) Bromomethane	2.513	94	88629	22.58	ug/l 99
6) Chloroethane	2.652	64	81357	22.30	ug/l 100
7) Trichlorofluoromethane	2.963	101	174057	21.63	ug/l 98
8) Diethyl Ether	3.342	74	69324	21.15	ug/l 98
9) 1,1,2-Trichlorotrifluo...	3.680	101	99790	21.96	ug/l 96
10) Methyl Iodide	3.867	142	117386	18.21	ug/l 99
11) Tert butyl alcohol	4.707	59	86057	104.56	ug/l # 83
12) 1,1-Dichloroethene	3.658	96	98142	21.09	ug/l 99
13) Acrolein	3.529	56	43119	76.94	ug/l 96
14) Allyl chloride	4.227	41	184874	20.09	ug/l 94
15) Acrylonitrile	4.881	53	242944	105.85	ug/l 99
16) Acetone	3.736	43	344675	118.22	ug/l 98
17) Carbon Disulfide	3.964	76	287583	20.94	ug/l 100
18) Methyl Acetate	4.232	43	195294	25.65	ug/l 99
19) Methyl tert-butyl Ether	4.940	73	259390	18.80	ug/l 99
20) Methylene Chloride	4.449	84	120837	22.92	ug/l 97
21) trans-1,2-Dichloroethene	4.929	96	81320	19.28	ug/l 99
22) Diisopropyl ether	5.857	45	285199	19.87	ug/l 99
23) Vinyl Acetate	5.793	43	1185813	97.03	ug/l 100
24) 1,1-Dichloroethane	5.742	63	162512	20.50	ug/l 99
25) 2-Butanone	6.745	43	339832	106.63	ug/l 99
26) 2,2-Dichloropropane	6.724	77	139973	19.81	ug/l 100
27) cis-1,2-Dichloroethene	6.732	96	95325	19.37	ug/l 99
28) Bromochloromethane	7.104	49	78265	19.59	ug/l 98
29) Tetrahydrofuran	7.126	42	220007	105.80	ug/l 99
30) Chloroform	7.281	83	164215	20.73	ug/l 99
31) Cyclohexane	7.566	56	142890	19.13	ug/l 96
32) 1,1,1-Trichloroethane	7.483	97	141897	20.39	ug/l 100
36) 1,1-Dichloropropene	7.705	75	115390	19.51	ug/l 99
37) Ethyl Acetate	6.842	43	140838	21.64	ug/l 100
38) Carbon Tetrachloride	7.689	117	118125	19.87	ug/l 97
39) Methylcyclohexane	9.009	83	133302	18.49	ug/l 98
40) Benzene	7.960	78	366133	20.50	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	56978	17.65	ug/l #	86
42) 1,2-Dichloroethane	8.046	62	127560	19.94	ug/l	99
43) Isopropyl Acetate	8.091	43	222716	20.02	ug/l	99
44) Trichloroethene	8.765	130	91903	19.57	ug/l	96
45) 1,2-Dichloropropane	9.046	63	101200	21.27	ug/l	99
46) Dibromomethane	9.140	93	63615	20.40	ug/l	98
47) Bromodichloromethane	9.333	83	130282	20.23	ug/l	98
48) Methyl methacrylate	9.135	41	100985	19.08	ug/l	97
49) 1,4-Dioxane	9.132	88	25559	384.20	ug/l	94
51) 4-Methyl-2-Pentanone	9.921	43	704636	108.39	ug/l	100
52) Toluene	10.089	92	226305	20.64	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	137367	19.64	ug/l	98
54) cis-1,3-Dichloropropene	9.773	75	147675	19.66	ug/l	98
55) 1,1,2-Trichloroethane	10.500	97	92912	21.08	ug/l	99
56) Ethyl methacrylate	10.371	69	128428	19.00	ug/l	97
57) 1,3-Dichloropropane	10.645	76	151228	20.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	48267	83.82	ug/l	99
59) 2-Hexanone	10.693	43	495980	108.90	ug/l	99
60) Dibromochloromethane	10.840	129	102095	20.86	ug/l	99
61) 1,2-Dibromoethane	10.945	107	92232	20.07	ug/l	98
64) Tetrachloroethene	10.570	164	92396	18.41	ug/l	98
65) Chlorobenzene	11.374	112	237684	20.22	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	92075	20.34	ug/l	99
67) Ethyl Benzene	11.452	91	411322	19.27	ug/l	99
68) m/p-Xylenes	11.562	106	309459	38.16	ug/l	99
69) o-Xylene	11.889	106	146406	18.71	ug/l	98
70) Styrene	11.905	104	243452	19.19	ug/l	99
71) Bromoform	12.069	173	73845	19.61	ug/l #	100
73) Isopropylbenzene	12.192	105	395540	18.72	ug/l	99
74) N-amyl acetate	12.015	43	126024	17.39	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.447	83	138682	20.60	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	121847m	19.54	ug/l	
77) Bromobenzene	12.466	156	101366	18.99	ug/l	98
78) n-propylbenzene	12.535	91	446331	19.42	ug/l	99
79) 2-Chlorotoluene	12.619	91	269059	19.04	ug/l	100
80) 1,3,5-Trimethylbenzene	12.678	105	326646	18.90	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	38234	18.44	ug/l	100
82) 4-Chlorotoluene	12.715	91	273514	19.45	ug/l	100
83) tert-Butylbenzene	12.938	119	271305	18.23	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	312222	18.59	ug/l	99
85) sec-Butylbenzene	13.115	105	360843	18.71	ug/l	100
86) p-Isopropyltoluene	13.233	119	316421	18.32	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	176864	19.75	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	181868	19.56	ug/l	98
89) n-Butylbenzene	13.560	91	259082	18.16	ug/l	97
90) Hexachloroethane	13.815	117	59869	19.22	ug/l	98
91) 1,2-Dichlorobenzene	13.595	146	169572	19.26	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.230	75	25054	19.41	ug/l	96
93) 1,2,4-Trichlorobenzene	14.979	180	99734	18.27	ug/l	98
94) Hexachlorobutadiene	15.105	225	56428	18.95	ug/l	98
95) Naphthalene	15.263	128	278920	18.18	ug/l	99
96) 1,2,3-Trichlorobenzene	15.502	180	98849	18.01	ug/l	99

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

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