

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065812.D
 Acq On : 11 Feb 2021 13:59
 Operator : JC/MD
 Sample : VN0211MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211MBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2021 1:35:25 PM

Quant Time: Feb 11 15:08:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	120067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	200366	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	182120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	83162	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	66918	42.36	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.72%
35) Dibromofluoromethane	7.544	113	62284	52.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.92%
50) Toluene-d8	10.055	98	229493	49.17	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.34%
62) 4-Bromofluorobenzene	12.370	95	86141	51.25	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.50%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.837	85	31125	23.14	ug/l 99
3) Chloromethane	2.039	50	42119	21.31	ug/l 98
4) Vinyl Chloride	2.168	62	42826	21.40	ug/l 97
5) Bromomethane	2.534	94	27721	23.93	ug/l 98
6) Chloroethane	2.676	64	24456	21.12	ug/l 100
7) Trichlorofluoromethane	2.991	101	48190	23.03	ug/l 98
8) Diethyl Ether	3.373	74	20148	20.20	ug/l 99
9) 1,1,2-Trichlorotrifluo...	3.711	101	28938	22.79	ug/l 98
10) Methyl Iodide	3.901	142	42797	22.99	ug/l 96
11) Tert butyl alcohol	4.759	59	25318	85.57	ug/l 95
12) 1,1-Dichloroethene	3.689	96	30764	21.05	ug/l 99
13) Acrolein	3.563	56	22318	99.05	ug/l 98
14) Allyl chloride	4.267	41	48411	17.87	ug/l 92
15) Acrylonitrile	4.936	53	73630	95.52	ug/l 98
16) Acetone	3.775	43	54499	88.63	ug/l 96
17) Carbon Disulfide	3.997	76	85918	18.67	ug/l 100
18) Methyl Acetate	4.283	43	32256	18.72	ug/l 98
19) Methyl tert-butyl Ether	4.994	73	93613	19.19	ug/l 97
20) Methylene Chloride	4.492	84	35222	20.68	ug/l 97
21) trans-1,2-Dichloroethene	4.981	96	31979	20.59	ug/l 98
22) Diisopropyl ether	5.904	45	100300	18.11	ug/l 98
23) Vinyl Acetate	5.843	43	389044	87.93	ug/l 98
24) 1,1-Dichloroethane	5.788	63	57698	19.54	ug/l 99
25) 2-Butanone	6.791	43	86118	89.31	ug/l 97
26) 2,2-Dichloropropane	6.769	77	43212	18.29	ug/l 98
27) cis-1,2-Dichloroethene	6.775	96	36922	20.74	ug/l 98
28) Bromochloromethane	7.151	49	22333	18.00	ug/l # 9
29) Tetrahydrofuran	7.171	42	60048	85.86	ug/l 99
30) Chloroform	7.325	83	56357	20.72	ug/l 100
31) Cyclohexane	7.605	56	53486	18.00	ug/l 95
32) 1,1,1-Trichloroethane	7.524	97	44278	20.00	ug/l 99
36) 1,1-Dichloropropene	7.746	75	43907	21.78	ug/l 99
37) Ethyl Acetate	6.885	43	38859	20.09	ug/l 96
38) Carbon Tetrachloride	7.727	117	37012	22.30	ug/l 98
39) Methylcyclohexane	9.042	83	52384	21.29	ug/l 97
40) Benzene	7.997	78	137869	22.39	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	19828	19.09	ug/l #	100
42) 1,2-Dichloroethane	8.081	62	42021	22.64	ug/l	97
43) Isopropyl Acetate	8.126	43	63337	18.47	ug/l	93
44) Trichloroethene	8.794	130	35889	24.02	ug/l	97
45) 1,2-Dichloropropane	9.081	63	36289	21.42	ug/l	100
46) Dibromomethane	9.171	93	21950	23.45	ug/l	98
47) Bromodichloromethane	9.367	83	41922	20.88	ug/l	99
48) Methyl methacrylate	9.164	41	30416	18.69	ug/l	94
49) 1,4-Dioxane	9.167	88	12027	456.77	ug/l	96
51) 4-Methyl-2-Pentanone	9.949	43	186992	98.89	ug/l	98
52) Toluene	10.119	92	86112	23.61	ug/l	97
53) t-1,3-Dichloropropene	10.347	75	47680	20.39	ug/l	99
54) cis-1,3-Dichloropropene	9.804	75	55024	21.13	ug/l	95
55) 1,1,2-Trichloroethane	10.528	97	34336	24.68	ug/l	98
56) Ethyl methacrylate	10.396	69	48612	21.13	ug/l #	92
57) 1,3-Dichloropropane	10.672	76	57821	23.61	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	82568	77.71	ug/l	100
59) 2-Hexanone	10.720	43	132298	100.78	ug/l	96
60) Dibromochloromethane	10.868	129	32294	22.71	ug/l	100
61) 1,2-Dibromoethane	10.974	107	34057	24.56	ug/l	99
64) Tetrachloroethene	10.598	164	36051	23.62	ug/l	98
65) Chlorobenzene	11.402	112	92665	24.32	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.476	131	30339	22.53	ug/l	96
67) Ethyl Benzene	11.479	91	158917	22.20	ug/l	100
68) m/p-Xylenes	11.589	106	123581	47.69	ug/l	100
69) o-Xylene	11.917	106	59626	23.75	ug/l	98
70) Styrene	11.933	104	97138	23.50	ug/l	99
71) Bromoform	12.097	173	20513	22.03	ug/l #	99
73) Isopropylbenzene	12.219	105	154126	21.17	ug/l	100
74) N-amyl acetate	12.039	43	51685	16.78	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.473	83	44519	20.70	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	39357m	18.10	ug/l	
77) Bromobenzene	12.495	156	36670	23.26	ug/l	89
78) n-propylbenzene	12.560	91	173418	20.21	ug/l	100
79) 2-Chlorotoluene	12.643	91	105741	20.75	ug/l	97
80) 1,3,5-Trimethylbenzene	12.701	105	131294	21.18	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	12985	15.29	ug/l	97
82) 4-Chlorotoluene	12.743	91	107047	20.57	ug/l	99
83) tert-Butylbenzene	12.962	119	109023	21.09	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	132590	21.44	ug/l	98
85) sec-Butylbenzene	13.142	105	142701	20.45	ug/l	98
86) p-Isopropyltoluene	13.257	119	128153	20.79	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	63877	22.73	ug/l	98
88) 1,4-Dichlorobenzene	13.335	146	64232	22.52	ug/l	98
89) n-Butylbenzene	13.585	91	105951	19.14	ug/l	99
90) Hexachloroethane	13.843	117	20231	18.76	ug/l	98
91) 1,2-Dichlorobenzene	13.624	146	64205	23.03	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.241	75	7227	16.94	ug/l	98
93) 1,2,4-Trichlorobenzene	14.878	180	31684	20.85	ug/l	99
94) Hexachlorobutadiene	14.978	225	15031	21.93	ug/l	98
95) Naphthalene	15.100	128	91588	19.28	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	32108	21.04	ug/l	98

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

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