

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
 Data File : VN065441.D
 Acq On : 8 Jan 2021 14:10
 Operator : JC/MD
 Sample : VN0108MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/11/2021 6:21:01 PM

Quant Time: Jan 08 22:46:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.630	168	330884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	483125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	438676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	206810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	182567	48.87	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.74%		
35) Dibromofluoromethane	7.553	113	150693	51.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.40%		
50) Toluene-d8	10.061	98	553453	50.66	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.32%		
62) 4-Bromofluorobenzene	12.376	95	198898	46.44	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.88%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.849	85	46782	15.28	ug/l	99
3) Chloromethane	2.055	50	56257	16.15	ug/l	99
4) Vinyl Chloride	2.180	62	60362	16.65	ug/l	97
5) Bromomethane	2.544	94	45484	17.65	ug/l	96
6) Chloroethane	2.688	64	39690	16.94	ug/l	97
7) Trichlorofluoromethane	3.004	101	91804	16.93	ug/l	99
8) Diethyl Ether	3.389	74	38446	18.01	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.727	101	53484	17.58	ug/l	98
10) Methyl Iodide	3.917	142	81342	17.70	ug/l	95
11) Tert butyl alcohol	4.778	59	51255	83.86	ug/l	100
12) 1,1-Dichloroethene	3.704	96	53071	16.33	ug/l	96
13) Acrolein	3.579	56	34449	84.94	ug/l	97
14) Allyl chloride	4.280	41	84550	15.78	ug/l	94
15) Acrylonitrile	4.949	53	135202	91.54	ug/l	99
16) Acetone	3.791	43	120893	69.35	ug/l	97
17) Carbon Disulfide	4.013	76	114781	13.80	ug/l	99
18) Methyl Acetate	4.296	43	66089	19.70	ug/l	96
19) Methyl tert-butyl Ether	5.013	73	183961	17.82	ug/l	99
20) Methylene Chloride	4.515	84	60202	16.52	ug/l	99
21) trans-1,2-Dichloroethene	4.997	96	54804	17.18	ug/l	97
22) Diisopropyl ether	5.917	45	187411	17.57	ug/l	95
23) Vinyl Acetate	5.856	43	764775	85.09	ug/l	98
24) 1,1-Dichloroethane	5.807	63	102835	17.58	ug/l	100
25) 2-Butanone	6.804	43	182510	87.03	ug/l	99
26) 2,2-Dichloropropane	6.782	77	87133	15.59	ug/l	100
27) cis-1,2-Dichloroethene	6.788	96	67415	18.15	ug/l	99
28) Bromochloromethane	7.155	49	45150	17.39	ug/l	93
29) Tetrahydrofuran	7.180	42	119667	88.24	ug/l	99
30) Chloroform	7.335	83	110949	18.43	ug/l	99
31) Cyclohexane	7.614	56	84792	15.37	ug/l	98
32) 1,1,1-Trichloroethane	7.534	97	93726	17.18	ug/l	99
36) 1,1-Dichloropropene	7.756	75	77031	17.54	ug/l	99
37) Ethyl Acetate	6.897	43	77666	17.84	ug/l	96
38) Carbon Tetrachloride	7.737	117	81180	17.60	ug/l	99
39) Methylcyclohexane	9.048	83	85175	16.14	ug/l	99
40) Benzene	8.003	78	235286	18.00	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.135	41	36882	16.28	ug/l	91
42) 1,2-Dichloroethane	8.090	62	89992	18.63	ug/l	97
43) Isopropyl Acetate	8.132	43	132147	17.61	ug/l	99
44) Trichloroethene	8.804	130	71559	18.97	ug/l	95
45) 1,2-Dichloropropane	9.087	63	63532	18.70	ug/l	100
46) Dibromomethane	9.177	93	43561	18.88	ug/l	89
47) Bromodichloromethane	9.370	83	86779	17.84	ug/l	98
48) Methyl methacrylate	9.171	41	63150	17.33	ug/l	97
49) 1,4-Dioxane	9.171	88	22549	381.92	ug/l	99
51) 4-Methyl-2-Pentanone	9.955	43	391423	92.77	ug/l	98
52) Toluene	10.125	92	152464	18.51	ug/l	98
53) t-1,3-Dichloropropene	10.354	75	92767	16.92	ug/l	98
54) cis-1,3-Dichloropropene	9.807	75	101527	17.43	ug/l	97
55) 1,1,2-Trichloroethane	10.534	97	63164	19.38	ug/l	95
56) Ethyl methacrylate	10.402	69	90562	17.94	ug/l	96
57) 1,3-Dichloropropane	10.679	76	104378	19.41	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.662	63	184881	84.21	ug/l	98
59) 2-Hexanone	10.724	43	277217	89.37	ug/l	97
60) Dibromochloromethane	10.875	129	69235	17.82	ug/l	98
61) 1,2-Dibromoethane	10.978	107	67052	19.17	ug/l	99
64) Tetrachloroethene	10.601	164	82335	19.33	ug/l	95
65) Chlorobenzene	11.405	112	171601	19.22	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.479	131	65567	18.87	ug/l	100
67) Ethyl Benzene	11.482	91	290274	18.04	ug/l	100
68) m/p-Xylenes	11.595	106	224191	36.99	ug/l	99
69) o-Xylene	11.920	106	109463	18.60	ug/l	99
70) Styrene	11.936	104	181119	18.45	ug/l	99
71) Bromoform	12.100	173	52365	17.51	ug/l #	99
73) Isopropylbenzene	12.222	105	288003	18.28	ug/l	100
74) N-amyl acetate	12.045	43	107330	17.11	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.479	83	83465	19.65	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	81706m	19.37	ug/l	
77) Bromobenzene	12.498	156	79901	19.41	ug/l	89
78) n-propylbenzene	12.566	91	311554	17.52	ug/l	98
79) 2-Chlorotoluene	12.646	91	188803	18.03	ug/l	96
80) 1,3,5-Trimethylbenzene	12.707	105	241379	17.97	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	25153	15.03	ug/l #	85
82) 4-Chlorotoluene	12.746	91	196371	18.21	ug/l	98
83) tert-Butylbenzene	12.968	119	209809	18.33	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	240578	18.40	ug/l	100
85) sec-Butylbenzene	13.145	105	266193	17.53	ug/l	99
86) p-Isopropyltoluene	13.264	119	247409	17.78	ug/l	99
87) 1,3-Dichlorobenzene	13.257	146	129862	18.86	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	130052	18.82	ug/l	97
89) n-Butylbenzene	13.588	91	192846	16.21	ug/l	98
90) Hexachloroethane	13.849	117	38920	16.27	ug/l	81
91) 1,2-Dichlorobenzene	13.627	146	129635	19.61	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.244	75	15258	17.44	ug/l	89
93) 1,2,4-Trichlorobenzene	14.881	180	62751	17.29	ug/l	98
94) Hexachlorobutadiene	14.981	225	44665	17.11	ug/l	99
95) Naphthalene	15.103	128	158007	17.12	ug/l	99
96) 1,2,3-Trichlorobenzene	15.283	180	61781	18.44	ug/l	98

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

