

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069510.D
 Acq On : 16 Nov 2021 15:59
 Operator : JC/MD
 Sample : VN1116MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 00:54:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1014519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1692942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1532877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	652283	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	748895	50.911	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.820%	
35) Dibromofluoromethane	8.021	113	515204	50.741	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.480%	
50) Toluene-d8	10.440	98	1989950	49.831	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.660%	
62) 4-Bromofluorobenzene	12.731	95	694031	47.309	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.620%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	209370	19.317	ug/l	99
3) Chloromethane	2.303	50	225451	17.936	ug/l	98
4) Vinyl Chloride	2.448	62	224443	17.833	ug/l	99
5) Bromomethane	2.861	94	142571	17.442	ug/l	99
6) Chloroethane	3.022	64	147389	17.350	ug/l	98
7) Trichlorofluoromethane	3.376	101	347838	17.882	ug/l	97
8) Diethyl Ether	3.824	74	124237	19.741	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.205	101	181377	19.795	ug/l	95
10) Methyl Iodide	4.419	142	217359	19.341	ug/l	97
11) Tert butyl alcohol	5.380	59	240754	90.827	ug/l	98
12) 1,1-Dichloroethene	4.181	96	158631	19.292	ug/l	91
13) Acrolein	4.041	56	27128	67.444	ug/l	98
14) Allyl chloride	4.840	41	340594	18.735	ug/l	95
15) Acrylonitrile	5.557	53	691467	101.867	ug/l	99
16) Acetone	4.288	43	697217	87.848	ug/l	96
17) Carbon Disulfide	4.529	76	291779	15.012	ug/l	97
18) Methyl Acetate	4.857	43	505322	19.586	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	708063	20.347	ug/l	98
20) Methylene Chloride	5.093	84	216704	19.255	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	175286	19.086	ug/l	90
22) Diisopropyl ether	6.498	45	807350	20.616	ug/l	95
23) Vinyl Acetate	6.436	43	3068162	101.298	ug/l	95
24) 1,1-Dichloroethane	6.388	63	398817	19.995	ug/l	98
25) 2-Butanone	7.337	43	1033077	96.128	ug/l	92
26) 2,2-Dichloropropane	7.324	77	277357	17.772	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	228641	20.083	ug/l	89
28) Bromochloromethane	7.659	49	220161	21.554	ug/l #	81
29) Tetrahydrofuran	7.686	42	668398	101.348	ug/l	89
30) Chloroform	7.817	83	418696	20.475	ug/l	100
31) Cyclohexane	8.094	56	367360	18.280	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	329958	19.331	ug/l	96
36) 1,1-Dichloropropene	8.222	75	281575	19.767	ug/l	96
37) Ethyl Acetate	7.415	43	396460	20.589	ug/l	96
38) Carbon Tetrachloride	8.206	117	262504	19.087	ug/l	97
39) Methylcyclohexane	9.462	83	333813	18.838	ug/l	93
40) Benzene	8.461	78	887116	20.176	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	189753	19.071	ug/l	92
42) 1,2-Dichloroethane	8.531	62	362864	21.076	ug/l	97
43) Isopropyl Acetate	8.563	43	630188	20.375	ug/l	94
44) Trichloroethene	9.215	130	210688	20.021	ug/l	96
45) 1,2-Dichloropropane	9.491	63	245108	20.865	ug/l	100
46) Dibromomethane	9.577	93	163198	20.741	ug/l	92
47) Bromodichloromethane	9.762	83	293234	19.971	ug/l	99
48) Methyl methacrylate	9.561	41	283906	19.510	ug/l	92
49) 1,4-Dioxane	9.569	88	104250	386.439	ug/l #	89
51) 4-Methyl-2-Pentanone	10.330	43	2087872	104.580	ug/l	95
52) Toluene	10.505	92	552180	20.158	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	287284	17.711	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	330403	18.499	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	233021	21.103	ug/l	98
56) Ethyl methacrylate	10.762	69	367634	18.995	ug/l	87
57) 1,3-Dichloropropane	11.044	76	401159	20.675	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	399842	90.692	ug/l	91
59) 2-Hexanone	11.087	43	1455885	91.567	ug/l	93
60) Dibromochloromethane	11.237	129	198852	18.032	ug/l	97
61) 1,2-Dibromoethane	11.347	107	227699	19.150	ug/l	99
64) Tetrachloroethene	10.977	164	191689	20.710	ug/l	94
65) Chlorobenzene	11.771	112	589620	20.665	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	208023	21.020	ug/l	99
67) Ethyl Benzene	11.846	91	1069613	20.326	ug/l	97
68) m/p-Xylenes	11.953	106	776098	40.101	ug/l	92
69) o-Xylene	12.280	106	389299	20.177	ug/l	92
70) Styrene	12.294	104	629724	19.145	ug/l	96
71) Bromoform	12.457	173	132460	17.786	ug/l #	100
73) Isopropylbenzene	12.578	105	1025146	19.739	ug/l	98
74) N-amyl acetate	12.390	43	424194	19.273	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	364225	20.793	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	310538m	20.629	ug/l	
77) Bromobenzene	12.860	156	240241	20.226	ug/l	82
78) n-propylbenzene	12.921	91	1161691	19.879	ug/l	97
79) 2-Chlorotoluene	13.007	91	724338	20.018	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	848843	20.218	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	69806	17.993	ug/l #	82
82) 4-Chlorotoluene	13.106	91	687808	19.941	ug/l	93
83) tert-Butylbenzene	13.324	119	751271	20.419	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	826783	20.398	ug/l	98
85) sec-Butylbenzene	13.501	105	1019476	19.836	ug/l	98
86) p-Isopropyltoluene	13.616	119	806667	19.771	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	412531	20.033	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	400815	19.840	ug/l	96
89) n-Butylbenzene	13.943	91	630122	18.520	ug/l	97
90) Hexachloroethane	14.211	117	119665	17.428	ug/l	84
91) 1,2-Dichlorobenzene	13.989	146	411757	21.013	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56290	18.460	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	169172	18.564	ug/l	99
94) Hexachlorobutadiene	15.370	225	105413	20.704	ug/l	97
95) Naphthalene	15.507	128	443123	18.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	168012	19.197	ug/l	98

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

