

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112921\
 Data File : VN069662.D
 Acq On : 29 Nov 2021 13:56
 Operator : JC/MD
 Sample : VN1129MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 04:16:38 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	1058779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1722005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1581689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	635294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	794000	51.721	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.440%			
35) Dibromofluoromethane	8.021	113	548491	53.108	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.220%			
50) Toluene-d8	10.440	98	2038224	50.179	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.360%			
62) 4-Bromofluorobenzene	12.731	95	731861	49.046	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	174353	15.414	ug/l	99
3) Chloromethane	2.306	50	196061	14.946	ug/l	97
4) Vinyl Chloride	2.451	62	198170	15.087	ug/l	97
5) Bromomethane	2.864	94	123483	14.475	ug/l	98
6) Chloroethane	3.027	64	127952	14.432	ug/l	94
7) Trichlorofluoromethane	3.381	101	294813	14.522	ug/l	96
8) Diethyl Ether	3.827	74	120022	18.274	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	175950	18.400	ug/l	95
10) Methyl Iodide	4.422	142	203436	17.345	ug/l	97
11) Tert butyl alcohol	5.371	59	218935	79.143	ug/l	98
12) 1,1-Dichloroethene	4.186	96	146575	17.081	ug/l	90
13) Acrolein	4.041	56	32547	78.550	ug/l	96
14) Allyl chloride	4.843	41	347114	18.295	ug/l #	90
15) Acrylonitrile	5.556	53	656327	92.648	ug/l	99
16) Acetone	4.288	43	732499	88.435	ug/l	97
17) Carbon Disulfide	4.529	76	272671	13.442	ug/l	100
18) Methyl Acetate	4.856	43	488314	18.136	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	699698	19.266	ug/l	94
20) Methylene Chloride	5.092	84	206595	17.589	ug/l	90
21) trans-1,2-Dichloroethene	5.597	96	161801	16.881	ug/l	91
22) Diisopropyl ether	6.498	45	802074	19.625	ug/l	95
23) Vinyl Acetate	6.436	43	2999173	94.881	ug/l	95
24) 1,1-Dichloroethane	6.385	63	385856	18.536	ug/l	97
25) 2-Butanone	7.337	43	1003768	89.496	ug/l	93
26) 2,2-Dichloropropane	7.324	77	297581	18.271	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	218436	18.384	ug/l	87
28) Bromochloromethane	7.656	49	253010	23.734	ug/l #	81
29) Tetrahydrofuran	7.686	42	625283	90.847	ug/l	89
30) Chloroform	7.817	83	404814	18.969	ug/l	99
31) Cyclohexane	8.094	56	339999	16.211	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	327816	18.403	ug/l	96
36) 1,1-Dichloropropene	8.220	75	261132	18.022	ug/l	96
37) Ethyl Acetate	7.412	43	387442	19.781	ug/l #	95
38) Carbon Tetrachloride	8.206	117	264068	18.877	ug/l	98
39) Methylcyclohexane	9.459	83	299587	16.621	ug/l	89
40) Benzene	8.458	78	833877	18.645	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	197496	19.514	ug/l	90
42) 1,2-Dichloroethane	8.531	62	352852	20.149	ug/l	97
43) Isopropyl Acetate	8.560	43	614955	19.547	ug/l	94
44) Trichloroethene	9.215	130	199119	18.603	ug/l	89
45) 1,2-Dichloropropane	9.488	63	238959	19.998	ug/l	97
46) Dibromomethane	9.577	93	155366	19.412	ug/l	92
47) Bromodichloromethane	9.762	83	302211	20.235	ug/l	98
48) Methyl methacrylate	9.558	41	275532	18.615	ug/l	91
49) 1,4-Dioxane	9.569	88	85004	317.527	ug/l #	88
51) 4-Methyl-2-Pentanone	10.330	43	1991914	98.090	ug/l	95
52) Toluene	10.505	92	517369	18.569	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	296774	17.946	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	337881	18.589	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	231772	20.636	ug/l	99
56) Ethyl methacrylate	10.759	69	357352	18.243	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	394084	19.967	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	499556	106.199	ug/l	91
59) 2-Hexanone	11.084	43	1370694	85.345	ug/l	93
60) Dibromochloromethane	11.237	129	212334	18.809	ug/l	99
61) 1,2-Dibromoethane	11.344	107	221459	18.358	ug/l	99
64) Tetrachloroethene	10.977	164	186210	19.498	ug/l	96
65) Chlorobenzene	11.771	112	564625	19.178	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	211104	20.673	ug/l	99
67) Ethyl Benzene	11.843	91	1004436	18.499	ug/l	98
68) m/p-Xylenes	11.953	106	739655	37.038	ug/l	93
69) o-Xylene	12.280	106	373555	18.763	ug/l	93
70) Styrene	12.294	104	591001	17.551	ug/l	95
71) Bromoform	12.457	173	142577	18.405	ug/l #	100
73) Isopropylbenzene	12.578	105	980093	19.376	ug/l	99
74) N-amyl acetate	12.390	43	388116	18.105	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	346557	20.314	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	295684m	20.168	ug/l	
77) Bromobenzene	12.859	156	229165	19.810	ug/l	81
78) n-propylbenzene	12.918	91	1084658	19.057	ug/l	97
79) 2-Chlorotoluene	13.007	91	680947	19.323	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	800721	19.581	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	72653	18.831	ug/l	84
82) 4-Chlorotoluene	13.106	91	646027	19.230	ug/l	93
83) tert-Butylbenzene	13.323	119	710895	19.838	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	769729	19.498	ug/l	98
85) sec-Butylbenzene	13.500	105	952009	19.018	ug/l	98
86) p-Isopropyltoluene	13.616	119	753875	18.971	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	385016	19.197	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	371257	18.869	ug/l	96
89) n-Butylbenzene	13.943	91	583656	17.613	ug/l	98
90) Hexachloroethane	14.211	117	126288	18.704	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	376634	19.735	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	55610	18.699	ug/l	76
93) 1,2,4-Trichlorobenzene	15.263	180	154629	17.614	ug/l	99
94) Hexachlorobutadiene	15.370	225	104320	21.037	ug/l	98
95) Naphthalene	15.507	128	385831	16.914	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	152761	18.132	ug/l	99

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

