

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113021\
 Data File : VN069680.D
 Acq On : 30 Nov 2021 12:04
 Operator : JC/MD
 Sample : VN1130MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 01:47:40 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	1075974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1744733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1597931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	661757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	788824	50.562	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.120%			
35) Dibromofluoromethane	8.021	113	548180	52.386	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.780%			
50) Toluene-d8	10.440	98	2080894	50.562	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.120%			
62) 4-Bromofluorobenzene	12.731	95	747544	49.444	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	189015	16.443	ug/l	99
3) Chloromethane	2.306	50	216712	16.256	ug/l	99
4) Vinyl Chloride	2.451	62	216864	16.247	ug/l	99
5) Bromomethane	2.869	94	132505	15.285	ug/l	99
6) Chloroethane	3.030	64	140933	15.642	ug/l	99
7) Trichlorofluoromethane	3.381	101	327842	15.891	ug/l	99
8) Diethyl Ether	3.829	74	128715	19.284	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	191764	19.733	ug/l	96
10) Methyl Iodide	4.425	142	223824	18.778	ug/l	97
11) Tert butyl alcohol	5.369	59	215813	76.768	ug/l #	83
12) 1,1-Dichloroethene	4.183	96	163784	18.781	ug/l	91
13) Acrolein	4.041	56	28177	65.911	ug/l	98
14) Allyl chloride	4.843	41	366155	18.991	ug/l	95
15) Acrylonitrile	5.556	53	684334	95.058	ug/l	99
16) Acetone	4.288	43	802997	95.397	ug/l	96
17) Carbon Disulfide	4.535	76	283966	13.775	ug/l	100
18) Methyl Acetate	4.859	43	499576	18.258	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	747745	20.260	ug/l	98
20) Methylene Chloride	5.098	84	219777	18.413	ug/l	86
21) trans-1,2-Dichloroethene	5.599	96	177489	18.222	ug/l	90
22) Diisopropyl ether	6.495	45	857364	20.643	ug/l	96
23) Vinyl Acetate	6.433	43	3182552	99.074	ug/l	95
24) 1,1-Dichloroethane	6.385	63	420302	19.868	ug/l	98
25) 2-Butanone	7.335	43	1042278	91.445	ug/l	92
26) 2,2-Dichloropropane	7.327	77	331316	20.017	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	237116	19.637	ug/l	86
28) Bromochloromethane	7.659	49	242568	22.391	ug/l #	80
29) Tetrahydrofuran	7.683	42	637879	91.196	ug/l	89
30) Chloroform	7.817	83	440540	20.313	ug/l	100
31) Cyclohexane	8.094	56	370912	17.402	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	360266	19.901	ug/l	95
36) 1,1-Dichloropropene	8.222	75	289510	19.720	ug/l	96
37) Ethyl Acetate	7.412	43	394154	19.861	ug/l	95
38) Carbon Tetrachloride	8.206	117	292999	20.672	ug/l	99
39) Methylcyclohexane	9.459	83	334613	18.322	ug/l	89
40) Benzene	8.461	78	908649	20.052	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	213144	20.786	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	384883	21.692	ug/l	96
43) Isopropyl Acetate	8.560	43	644350	20.214	ug/l #	94
44) Trichloroethene	9.215	130	221492	20.423	ug/l	92
45) 1,2-Dichloropropane	9.488	63	261411	21.592	ug/l	99
46) Dibromomethane	9.577	93	164820	20.325	ug/l	94
47) Bromodichloromethane	9.762	83	329269	21.759	ug/l	100
48) Methyl methacrylate	9.558	41	289770	19.322	ug/l	90
49) 1,4-Dioxane	9.566	88	87346	321.472	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	2053103	99.786	ug/l	95
52) Toluene	10.505	92	568869	20.151	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	321622	19.012	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	358473	19.383	ug/l #	87
55) 1,1,2-Trichloroethane	10.896	97	240853	21.165	ug/l	96
56) Ethyl methacrylate	10.759	69	372232	18.697	ug/l #	84
57) 1,3-Dichloropropane	11.044	76	421347	21.071	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	386273	86.440	ug/l	92
59) 2-Hexanone	11.084	43	1418111	86.979	ug/l	92
60) Dibromochloromethane	11.237	129	225153	19.572	ug/l	99
61) 1,2-Dibromoethane	11.344	107	232965	19.019	ug/l	100
64) Tetrachloroethene	10.977	164	206156	21.367	ug/l	95
65) Chlorobenzene	11.768	112	618275	20.787	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	229757	22.271	ug/l	99
67) Ethyl Benzene	11.843	91	1113869	20.305	ug/l	97
68) m/p-Xylenes	11.953	106	804678	39.885	ug/l	92
69) o-Xylene	12.280	106	407861	20.278	ug/l	94
70) Styrene	12.294	104	649235	18.952	ug/l	96
71) Bromoform	12.457	173	152503	19.285	ug/l #	100
73) Isopropylbenzene	12.578	105	1088979	20.668	ug/l	99
74) N-amyl acetate	12.387	43	390948	17.508	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	365917	20.591	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	299808m	19.631	ug/l	
77) Bromobenzene	12.859	156	244477	20.288	ug/l	79
78) n-propylbenzene	12.918	91	1199010	20.224	ug/l	96
79) 2-Chlorotoluene	13.007	91	753985	20.539	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	885862	20.797	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	75059	18.724	ug/l	86
82) 4-Chlorotoluene	13.104	91	708977	20.260	ug/l	93
83) tert-Butylbenzene	13.323	119	793192	21.250	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	841067	20.453	ug/l	98
85) sec-Butylbenzene	13.500	105	1062193	20.371	ug/l	97
86) p-Isopropyltoluene	13.616	119	837962	20.244	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	413323	19.784	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	402357	19.632	ug/l	96
89) n-Butylbenzene	13.943	91	632685	18.329	ug/l	98
90) Hexachloroethane	14.209	117	139955	19.761	ug/l	84
91) 1,2-Dichlorobenzene	13.989	146	411964	20.723	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	56143	18.179	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	157928	17.331	ug/l	97
94) Hexachlorobutadiene	15.367	225	114242	22.117	ug/l	98
95) Naphthalene	15.507	128	355616	15.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	150012	17.275	ug/l	98

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

