

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075867.D
 Acq On : 19 Dec 2022 13:34
 Operator : JC\MD
 Sample : VN1219MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 01:29:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	286087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	464895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	418902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162075	52.075	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.140%			
35) Dibromofluoromethane	8.171	113	143719	49.919	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.840%			
50) Toluene-d8	10.571	98	537958	49.976	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.960%			
62) 4-Bromofluorobenzene	12.853	95	182861	51.289	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	37284	18.355	ug/l	97
3) Chloromethane	2.371	50	44307	17.541	ug/l	98
4) Vinyl Chloride	2.524	62	55154	18.305	ug/l	99
5) Bromomethane	2.959	94	45362	17.715	ug/l	91
6) Chloroethane	3.130	64	41951	18.802	ug/l	99
7) Trichlorofluoromethane	3.506	101	87019	19.033	ug/l	89
8) Diethyl Ether	3.977	74	33378	19.988	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	53612	20.536	ug/l	95
10) Methyl Iodide	4.606	142	78880	18.618	ug/l	99
11) Tert butyl alcohol	5.536	59	44489	101.021	ug/l	99
12) 1,1-Dichloroethene	4.359	96	47578	18.764	ug/l	98
13) Acrolein	4.195	56	73390	135.930	ug/l	100
14) Allyl chloride	5.036	41	57130	19.274	ug/l	92
15) Acrylonitrile	5.736	53	124371	103.486	ug/l	98
16) Acetone	4.442	43	115851	107.980	ug/l	97
17) Carbon Disulfide	4.724	76	107734	17.549	ug/l	98
18) Methyl Acetate	5.042	43	66326	20.914	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	170834	20.460	ug/l	98
20) Methylene Chloride	5.295	84	59133	20.222	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	53454	19.250	ug/l	95
22) Diisopropyl ether	6.683	45	148415	20.612	ug/l	97
23) Vinyl Acetate	6.618	43	495843m	102.311	ug/l	
24) 1,1-Dichloroethane	6.577	63	94082	19.592	ug/l	96
25) 2-Butanone	7.489	43	162335	108.062	ug/l	93
26) 2,2-Dichloropropane	7.500	77	80752	19.857	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	63755	19.197	ug/l	95
28) Bromochloromethane	7.818	49	36714	17.443	ug/l	97
29) Tetrahydrofuran	7.847	42	100334	106.578	ug/l	99
30) Chloroform	7.971	83	105548	19.522	ug/l	97
31) Cyclohexane	8.265	56	83550	18.744	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	95002	19.820	ug/l	96
36) 1,1-Dichloropropene	8.377	75	72365	18.921	ug/l	98
37) Ethyl Acetate	7.571	43	65158	21.210	ug/l	98
38) Carbon Tetrachloride	8.371	117	83155	19.427	ug/l	97
39) Methylcyclohexane	9.606	83	93123	20.183	ug/l	94
40) Benzene	8.612	78	232257	19.683	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	33717	21.115	ug/l	95
42) 1,2-Dichloroethane	8.677	62	78649	20.048	ug/l	99
43) Isopropyl Acetate	8.694	43	105982	20.914	ug/l	100
44) Trichloroethene	9.359	130	61711	18.564	ug/l	97
45) 1,2-Dichloropropane	9.624	63	56500	19.676	ug/l	99
46) Dibromomethane	9.718	93	41228	19.358	ug/l	93
47) Bromodichloromethane	9.888	83	83032	19.881	ug/l	98
48) Methyl methacrylate	9.682	41	48630	21.307	ug/l	98
49) 1,4-Dioxane	9.700	88	23473	418.335	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	329810	107.619	ug/l	100
52) Toluene	10.629	92	152321	19.821	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	82566	20.195	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	91150	20.306	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	63090	20.916	ug/l	97
56) Ethyl methacrylate	10.877	69	84255	21.029	ug/l	97
57) 1,3-Dichloropropane	11.165	76	100543	20.321	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	141181	110.676	ug/l	97
59) 2-Hexanone	11.200	43	246112	110.121	ug/l	98
60) Dibromochloromethane	11.359	129	67165	20.022	ug/l	100
61) 1,2-Dibromoethane	11.471	107	62296	20.408	ug/l	98
64) Tetrachloroethene	11.106	164	56254	19.084	ug/l	98
65) Chlorobenzene	11.894	112	163611	19.029	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	60781	19.086	ug/l	96
67) Ethyl Benzene	11.965	91	286770	19.762	ug/l	100
68) m/p-Xylenes	12.076	106	231091	40.236	ug/l	100
69) o-Xylene	12.400	106	113240	19.923	ug/l	99
70) Styrene	12.412	104	183813	20.340	ug/l	99
71) Bromoform	12.582	173	47531	20.511	ug/l #	98
73) Isopropylbenzene	12.700	105	292166	20.089	ug/l	99
74) N-amyl acetate	12.500	43	90778	21.277	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	88985	19.792	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	76722m	18.912	ug/l	
77) Bromobenzene	12.982	156	71481	19.421	ug/l	99
78) n-propylbenzene	13.041	91	328845	20.501	ug/l	99
79) 2-Chlorotoluene	13.129	91	199117	19.886	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	250444	20.575	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27444	24.350	ug/l	90
82) 4-Chlorotoluene	13.129	91	199117	19.886	ug/l	100
83) tert-Butylbenzene	13.441	119	229078	21.345	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	249645	20.674	ug/l	99
85) sec-Butylbenzene	13.618	105	306041	20.661	ug/l	100
86) p-Isopropyltoluene	13.735	119	261060	21.181	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	131570	19.352	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	130594	18.803	ug/l	100
89) n-Butylbenzene	14.059	91	201278	20.158	ug/l	99
90) Hexachloroethane	14.335	117	44154	20.027	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	132764	19.825	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15554	19.497	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	65210	19.669	ug/l	99
94) Hexachlorobutadiene	15.506	225	34922	19.306	ug/l	99
95) Naphthalene	15.641	128	198856	19.542	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	64483	20.809	ug/l	99

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

