

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075390.D
 Acq On : 23 Nov 2022 12:48
 Operator : JC\MD
 Sample : VN1123MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 23 13:05:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	143097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	220461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	42512	55.345	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.700%			
35) Dibromofluoromethane	8.171	113	51419	53.823	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.640%			
50) Toluene-d8	10.571	98	115813	53.824	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.640%			
62) 4-Bromofluorobenzene	12.853	95	87009	54.786	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	21492	19.642	ug/l	93
3) Chloromethane	2.371	50	24809	18.222	ug/l	97
4) Vinyl Chloride	2.524	62	33740	19.663	ug/l	96
5) Bromomethane	2.942	94	28981	19.206	ug/l	99
6) Chloroethane	3.118	64	25907	21.018	ug/l	92
7) Trichlorofluoromethane	3.506	101	48125	19.632	ug/l	95
8) Diethyl Ether	3.977	74	18649	21.706	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.389	101	27769	20.761	ug/l	94
10) Methyl Iodide	4.594	142	43829	19.987	ug/l	97
11) Tert butyl alcohol	5.536	59	32937	102.146	ug/l	97
12) 1,1-Dichloroethene	4.353	96	25879	19.529	ug/l	99
13) Acrolein	4.189	56	29288	104.262	ug/l	97
14) Allyl chloride	5.036	41	31396	18.316	ug/l	95
15) Acrylonitrile	5.736	53	77557	104.837	ug/l	98
16) Acetone	4.436	43	65228	91.041	ug/l	93
17) Carbon Disulfide	4.724	76	63521	18.445	ug/l	99
18) Methyl Acetate	5.036	43	40957	21.949	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	95255	20.292	ug/l	98
20) Methylene Chloride	5.289	84	32896	21.924	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	29418	19.479	ug/l	93
22) Diisopropyl ether	6.683	45	80258	20.518	ug/l	99
23) Vinyl Acetate	6.612	43	318787m	102.441	ug/l	
24) 1,1-Dichloroethane	6.583	63	50127	19.965	ug/l	97
25) 2-Butanone	7.488	43	101922	101.893	ug/l	99
26) 2,2-Dichloropropane	7.494	77	44722	19.166	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	36430	21.333	ug/l	91
28) Bromochloromethane	7.818	49	21525	21.121	ug/l	87
29) Tetrahydrofuran	7.847	42	66409	109.146	ug/l	98
30) Chloroform	7.971	83	56941	19.749	ug/l	94
31) Cyclohexane	8.259	56	46481	19.046	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	52744	20.147	ug/l	97
36) 1,1-Dichloropropene	8.377	75	41021	19.690	ug/l	97
37) Ethyl Acetate	7.565	43	40382	21.527	ug/l	99
38) Carbon Tetrachloride	8.365	117	46115	20.150	ug/l	95
39) Methylcyclohexane	9.606	83	51835	19.880	ug/l	96
40) Benzene	8.612	78	127096	19.925	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	20802	21.690	ug/l	99
42) 1,2-Dichloroethane	8.677	62	42715	19.995	ug/l	97
43) Isopropyl Acetate	8.694	43	63383	21.050	ug/l	98
44) Trichloroethene	9.353	130	34799	19.938	ug/l	93
45) 1,2-Dichloropropane	9.624	63	29949	19.702	ug/l	94
46) Dibromomethane	9.706	93	24105	20.966	ug/l	93
47) Bromodichloromethane	9.888	83	44867	20.151	ug/l	96
48) Methyl methacrylate	9.682	41	28438	20.425	ug/l	96
49) 1,4-Dioxane	9.700	88	17020	430.501	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	200971	104.791	ug/l	97
52) Toluene	10.629	92	84323	20.514	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	43886	19.634	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	49807	20.516	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	34108	20.373	ug/l	95
56) Ethyl methacrylate	10.876	69	47568	21.039	ug/l	96
57) 1,3-Dichloropropane	11.165	76	54494	19.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	90020	110.398	ug/l	97
59) 2-Hexanone	11.194	43	150081	104.216	ug/l	97
60) Dibromochloromethane	11.365	129	36645	21.325	ug/l	100
61) 1,2-Dibromoethane	11.470	107	34551	19.884	ug/l	99
64) Tetrachloroethene	11.106	164	32277	19.172	ug/l	88
65) Chlorobenzene	11.894	112	91424	20.080	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	34015	20.018	ug/l	98
67) Ethyl Benzene	11.965	91	155964	20.079	ug/l	99
68) m/p-Xylenes	12.070	106	127479	40.414	ug/l	99
69) o-Xylene	12.400	106	61531	19.633	ug/l	99
70) Styrene	12.412	104	99764	20.179	ug/l	99
71) Bromoform	12.576	173	25998	20.103	ug/l #	98
73) Isopropylbenzene	12.700	105	163482	20.060	ug/l	98
74) N-amyl acetate	12.494	43	51639	20.611	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	50216	20.211	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	39053m	18.517	ug/l	
77) Bromobenzene	12.982	156	39373	19.570	ug/l	90
78) n-propylbenzene	13.035	91	184290	20.263	ug/l	99
79) 2-Chlorotoluene	13.129	91	110976	20.251	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	139147	20.551	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	14413	20.220	ug/l	95
82) 4-Chlorotoluene	13.129	91	110976	20.251	ug/l	97
83) tert-Butylbenzene	13.441	119	122209	19.796	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	138429	20.383	ug/l	98
85) sec-Butylbenzene	13.617	105	172600	20.606	ug/l	98
86) p-Isopropyltoluene	13.729	119	145695	20.673	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	75658	19.847	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	77397	19.987	ug/l	99
89) n-Butylbenzene	14.059	91	118342	19.882	ug/l	99
90) Hexachloroethane	14.335	117	24253	19.948	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	76528	20.595	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10115	21.491	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	37898	19.902	ug/l	98
94) Hexachlorobutadiene	15.500	225	19788	19.950	ug/l	98
95) Naphthalene	15.641	128	123852	20.674	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	36261	19.375	ug/l	97

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

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