

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075389.D
 Acq On : 23 Nov 2022 12:24
 Operator : JC\MD
 Sample : VN1123MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 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 12:42:22 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	8.230	168	143621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	41582	53.937	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.880%			
35) Dibromofluoromethane	8.171	113	51742	54.037	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.080%			
50) Toluene-d8	10.565	98	122691	56.890	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.780%#			
62) 4-Bromofluorobenzene	12.853	95	89919	56.488	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	22204	20.218	ug/l	97
3) Chloromethane	2.371	50	26836	19.638	ug/l	99
4) Vinyl Chloride	2.524	62	33885	19.675	ug/l	97
5) Bromomethane	2.953	94	28417	18.764	ug/l	91
6) Chloroethane	3.124	64	27025	21.910	ug/l	94
7) Trichlorofluoromethane	3.512	101	49422	20.088	ug/l	99
8) Diethyl Ether	3.971	74	17832	20.679	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	29104	21.703	ug/l	95
10) Methyl Iodide	4.600	142	42799	19.446	ug/l	97
11) Tert butyl alcohol	5.524	59	30443	94.067	ug/l	98
12) 1,1-Dichloroethene	4.347	96	27042	20.332	ug/l	90
13) Acrolein	4.189	56	26968	95.653	ug/l	97
14) Allyl chloride	5.036	41	33409	19.420	ug/l	96
15) Acrylonitrile	5.730	53	75480	101.657	ug/l	95
16) Acetone	4.442	43	63674	88.547	ug/l #	87
17) Carbon Disulfide	4.718	76	64909	18.779	ug/l	95
18) Methyl Acetate	5.030	43	38274	20.345	ug/l	93
19) Methyl tert-butyl Ether	5.800	73	93927	19.936	ug/l	94
20) Methylene Chloride	5.289	84	32616	21.642	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	30031	19.813	ug/l	90
22) Diisopropyl ether	6.683	45	82793	21.089	ug/l	95
23) Vinyl Acetate	6.612	43	315170	100.909	ug/l	98
24) 1,1-Dichloroethane	6.577	63	51852	20.577	ug/l	99
25) 2-Butanone	7.494	43	96848	96.467	ug/l	99
26) 2,2-Dichloropropane	7.500	77	45641	19.488	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	35914	20.954	ug/l	94
28) Bromochloromethane	7.824	49	22122	21.627	ug/l	90
29) Tetrahydrofuran	7.841	42	62313	102.041	ug/l	99
30) Chloroform	7.971	83	57261	19.787	ug/l	95
31) Cyclohexane	8.265	56	47379	19.343	ug/l #	95
32) 1,1,1-Trichloroethane	8.177	97	52891	20.130	ug/l	96
36) 1,1-Dichloropropene	8.377	75	42740	20.468	ug/l	99
37) Ethyl Acetate	7.565	43	39263	20.882	ug/l #	94
38) Carbon Tetrachloride	8.365	117	46843	20.421	ug/l	99
39) Methylcyclohexane	9.606	83	52901	20.242	ug/l	99
40) Benzene	8.612	78	127886	20.003	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	19570	20.359	ug/l	99
42) 1,2-Dichloroethane	8.677	62	42103	19.663	ug/l	96
43) Isopropyl Acetate	8.688	43	60634	20.091	ug/l	96
44) Trichloroethene	9.353	130	35388	20.229	ug/l	95
45) 1,2-Dichloropropane	9.624	63	31067	20.391	ug/l	98
46) Dibromomethane	9.706	93	23402	20.308	ug/l	92
47) Bromodichloromethane	9.888	83	44951	20.143	ug/l	97
48) Methyl methacrylate	9.682	41	27640	19.806	ug/l	96
49) 1,4-Dioxane	9.700	88	15467	390.324	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	193155	100.485	ug/l	96
52) Toluene	10.629	92	85803	20.827	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	45923	20.498	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	49707	20.428	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	34725	20.694	ug/l	97
56) Ethyl methacrylate	10.876	69	47537	20.977	ug/l	97
57) 1,3-Dichloropropane	11.165	76	54389	19.879	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	89021	108.923	ug/l	98
59) 2-Hexanone	11.200	43	143733	99.579	ug/l	97
60) Dibromochloromethane	11.365	129	36364	21.113	ug/l	99
61) 1,2-Dibromoethane	11.470	107	33904	19.467	ug/l	99
64) Tetrachloroethene	11.106	164	32536	18.932	ug/l	95
65) Chlorobenzene	11.894	112	94861	20.411	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	34483	19.880	ug/l	98
67) Ethyl Benzene	11.965	91	163723	20.649	ug/l	99
68) m/p-Xylenes	12.070	106	131783	40.929	ug/l	98
69) o-Xylene	12.400	106	64476	20.154	ug/l	95
70) Styrene	12.412	104	103189	20.447	ug/l	98
71) Bromoform	12.576	173	25080	18.998	ug/l #	100
73) Isopropylbenzene	12.694	105	167111	20.529	ug/l	99
74) N-amyl acetate	12.494	43	50782	20.292	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	49591	19.982	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	43290m	20.549	ug/l	
77) Bromobenzene	12.982	156	39026	19.419	ug/l	90
78) n-propylbenzene	13.035	91	187878	20.681	ug/l	99
79) 2-Chlorotoluene	13.129	91	112814	20.610	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	143870	21.273	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	13824	19.415	ug/l	98
82) 4-Chlorotoluene	13.129	91	112814	20.610	ug/l	98
83) tert-Butylbenzene	13.441	119	124748	20.230	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	141028	20.789	ug/l	97
85) sec-Butylbenzene	13.617	105	177410	21.204	ug/l	100
86) p-Isopropyltoluene	13.729	119	151212	21.480	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	77541	20.364	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	76339	19.736	ug/l	98
89) n-Butylbenzene	14.059	91	122819	20.657	ug/l	99
90) Hexachloroethane	14.335	117	24443	20.127	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	75055	20.222	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9158	19.480	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	37828	19.888	ug/l	98
94) Hexachlorobutadiene	15.500	225	20217	20.406	ug/l	97
95) Naphthalene	15.641	128	112513	18.803	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	36059	19.289	ug/l	98

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

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