

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076210.D
 Acq On : 11 Jan 2023 15:16
 Operator : JC\MD
 Sample : VN0111MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2023
 Supervised By : Mahesh Dadoda 01/12/2023

Quant Time: Jan 12 00:37:00 2023
 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	346635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	561869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	501353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	175631	46.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.140%		
35) Dibromofluoromethane	8.171	113	157894	45.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.760%		
50) Toluene-d8	10.571	98	568195	43.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.340%		
62) 4-Bromofluorobenzene	12.853	95	197686	45.878	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	59053	23.993	ug/l	93
3) Chloromethane	2.377	50	59043	19.292	ug/l	97
4) Vinyl Chloride	2.524	62	70415	19.288	ug/l	94
5) Bromomethane	2.965	94	58265	18.779	ug/l	96
6) Chloroethane	3.130	64	51966	19.222	ug/l	97
7) Trichlorofluoromethane	3.507	101	104419	18.850	ug/l	91
8) Diethyl Ether	3.971	74	38793	19.173	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	61270	19.370	ug/l	96
10) Methyl Iodide	4.601	142	92899	18.096	ug/l	99
11) Tert butyl alcohol	5.536	59	49403	92.584	ug/l	97
12) 1,1-Dichloroethene	4.354	96	54882	17.864	ug/l	100
13) Acrolein	4.189	56	58945	90.105	ug/l	99
14) Allyl chloride	5.036	41	64982	18.094	ug/l	91
15) Acrylonitrile	5.730	53	135297	92.913	ug/l	99
16) Acetone	4.448	43	110918	85.324	ug/l	97
17) Carbon Disulfide	4.730	76	112543	15.130	ug/l	96
18) Methyl Acetate	5.042	43	77910	20.275	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	203991	20.163	ug/l	95
20) Methylene Chloride	5.283	84	66115	18.610	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	58969	17.527	ug/l	95
22) Diisopropyl ether	6.677	45	169663	19.447	ug/l	97
23) Vinyl Acetate	6.618	43	529970	90.252	ug/l	98
24) 1,1-Dichloroethane	6.577	63	106736	18.344	ug/l	99
25) 2-Butanone	7.489	43	168056	92.329	ug/l	97
26) 2,2-Dichloropropane	7.494	77	85987	17.451	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	73720	18.320	ug/l	98
28) Bromochloromethane	7.818	49	49314	19.337	ug/l	100
29) Tetrahydrofuran	7.847	42	110974	97.289	ug/l	98
30) Chloroform	7.971	83	120041	18.324	ug/l	98
31) Cyclohexane	8.265	56	96990	17.958	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	105417	18.151	ug/l	97
36) 1,1-Dichloropropene	8.377	75	81780	17.693	ug/l	99
37) Ethyl Acetate	7.565	43	71999	19.392	ug/l	97
38) Carbon Tetrachloride	8.365	117	92131	17.809	ug/l	97
39) Methylcyclohexane	9.606	83	102476	18.377	ug/l	95
40) Benzene	8.612	78	258343	18.115	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	36944	19.143	ug/l	97
42) 1,2-Dichloroethane	8.677	62	87177	18.387	ug/l	99
43) Isopropyl Acetate	8.694	43	126584	20.668	ug/l	98
44) Trichloroethene	9.359	130	70463	17.538	ug/l	98
45) 1,2-Dichloropropane	9.624	63	63455	18.285	ug/l	97
46) Dibromomethane	9.712	93	47148	18.317	ug/l	98
47) Bromodichloromethane	9.888	83	90366	17.902	ug/l	98
48) Methyl methacrylate	9.683	41	55255	20.031	ug/l	98
49) 1,4-Dioxane	9.694	88	23312	343.760	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	362409	97.846	ug/l	97
52) Toluene	10.635	92	171158	18.428	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	88704	17.952	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	102442	18.883	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	68076	18.674	ug/l	94
56) Ethyl methacrylate	10.877	69	92836	19.172	ug/l	97
57) 1,3-Dichloropropane	11.165	76	111933	18.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	137585	89.242	ug/l	100
59) 2-Hexanone	11.200	43	257270	95.246	ug/l	98
60) Dibromochloromethane	11.359	129	71014	17.516	ug/l	96
61) 1,2-Dibromoethane	11.471	107	68189	18.483	ug/l	100
64) Tetrachloroethene	11.106	164	74609	21.148	ug/l	98
65) Chlorobenzene	11.894	112	182665	17.751	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	67494	17.708	ug/l	97
67) Ethyl Benzene	11.965	91	317031	18.255	ug/l	96
68) m/p-Xylenes	12.071	106	253185	36.833	ug/l	100
69) o-Xylene	12.400	106	125929	18.512	ug/l	98
70) Styrene	12.412	104	199961	18.488	ug/l	99
71) Bromoform	12.582	173	49699	17.920	ug/l #	98
73) Isopropylbenzene	12.700	105	325722	19.209	ug/l	100
74) N-amyl acetate	12.494	43	98293	19.759	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	94074	17.946	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	71017m	15.014	ug/l	
77) Bromobenzene	12.982	156	77423	18.042	ug/l	98
78) n-propylbenzene	13.035	91	357092	19.094	ug/l	99
79) 2-Chlorotoluene	13.129	91	216637	18.556	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	273330	19.260	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	23029	17.525	ug/l	93
82) 4-Chlorotoluene	13.129	91	216637	18.556	ug/l	99
83) tert-Butylbenzene	13.441	119	247721	19.798	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	275796	19.589	ug/l	97
85) sec-Butylbenzene	13.618	105	333466	19.308	ug/l	99
86) p-Isopropyltoluene	13.729	119	280637	19.529	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	144226	18.194	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	141205	17.437	ug/l	99
89) n-Butylbenzene	14.059	91	212979	18.294	ug/l	99
90) Hexachloroethane	14.335	117	45106	17.547	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	143710	18.405	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15418	16.576	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	65089	16.838	ug/l	98
94) Hexachlorobutadiene	15.506	225	35930	17.036	ug/l	98
95) Naphthalene	15.641	128	213743	18.186	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	65726	18.192	ug/l	97

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

