

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076349.D
 Acq On : 20 Jan 2023 16:20
 Operator : JC\MD
 Sample : VN0120MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2023
 Supervised By : Mahesh Dadoda 01/25/2023

Quant Time: Jan 20 22:17:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	428386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	671168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	610291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	294327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	222673	46.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.840%		
35) Dibromofluoromethane	8.171	113	199590	47.539	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.080%		
50) Toluene-d8	10.571	98	751874	48.491	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.980%		
62) 4-Bromofluorobenzene	12.853	95	259597	51.286	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	73771	16.805	ug/l	96
3) Chloromethane	2.377	50	70154	15.435	ug/l	93
4) Vinyl Chloride	2.530	62	94618	16.977	ug/l	96
5) Bromomethane	2.965	94	79238	17.361	ug/l	100
6) Chloroethane	3.136	64	69689	16.676	ug/l	98
7) Trichlorofluoromethane	3.512	101	126945	16.556	ug/l	98
8) Diethyl Ether	3.971	74	44515	17.309	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	73964	17.040	ug/l	98
10) Methyl Iodide	4.600	142	105888	15.971	ug/l	98
11) Tert butyl alcohol	5.536	59	48981	76.345	ug/l	99
12) 1,1-Dichloroethene	4.359	96	67199	16.377	ug/l	97
13) Acrolein	4.200	56	61188	79.749	ug/l	99
14) Allyl chloride	5.042	41	83181m	17.396	ug/l	
15) Acrylonitrile	5.736	53	143429	78.561	ug/l	99
16) Acetone	4.442	43	125533	81.591	ug/l	95
17) Carbon Disulfide	4.724	76	151760	14.854	ug/l	97
18) Methyl Acetate	5.042	43	79576	15.271	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	230243	17.236	ug/l	97
20) Methylene Chloride	5.294	84	84996	18.299	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	72755	16.367	ug/l	99
22) Diisopropyl ether	6.683	45	191167	16.953	ug/l	96
23) Vinyl Acetate	6.618	43	610641	83.790	ug/l	97
24) 1,1-Dichloroethane	6.577	63	126219	16.792	ug/l	98
25) 2-Butanone	7.488	43	185252	78.883	ug/l	99
26) 2,2-Dichloropropane	7.500	77	107453	16.962	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	86541	16.692	ug/l	99
28) Bromochloromethane	7.818	49	60089	19.723	ug/l	99
29) Tetrahydrofuran	7.847	42	117354	80.967	ug/l	99
30) Chloroform	7.971	83	143379	17.239	ug/l	99
31) Cyclohexane	8.265	56	113443	15.396	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	130056	17.128	ug/l	93
36) 1,1-Dichloropropene	8.377	75	102453	17.173	ug/l	99
37) Ethyl Acetate	7.565	43	77609	16.243	ug/l	98
38) Carbon Tetrachloride	8.371	117	113264	17.025	ug/l	100
39) Methylcyclohexane	9.606	83	128008	17.571	ug/l	97
40) Benzene	8.612	78	308264	17.280	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	40783	16.277	ug/l	95
42) 1,2-Dichloroethane	8.677	62	101688	16.660	ug/l	99
43) Isopropyl Acetate	8.694	43	132096	16.969	ug/l	99
44) Trichloroethene	9.353	130	86916	17.227	ug/l	94
45) 1,2-Dichloropropane	9.629	63	73223	17.144	ug/l	94
46) Dibromomethane	9.712	93	55462	17.199	ug/l	98
47) Bromodichloromethane	9.894	83	111333	17.801	ug/l	96
48) Methyl methacrylate	9.682	41	61640	16.726	ug/l	99
49) 1,4-Dioxane	9.700	88	26578	341.784	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	387341	84.761	ug/l	99
52) Toluene	10.635	92	201866	16.922	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	107042	17.954	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	119914	17.482	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	79342	17.400	ug/l	98
56) Ethyl methacrylate	10.876	69	105928	17.994	ug/l	100
57) 1,3-Dichloropropane	11.165	76	128161	17.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	128347	64.581	ug/l	99
59) 2-Hexanone	11.200	43	278752	84.176	ug/l	100
60) Dibromochloromethane	11.359	129	85833	17.881	ug/l	98
61) 1,2-Dibromoethane	11.471	107	79527	17.473	ug/l	98
64) Tetrachloroethene	11.106	164	94338	17.141	ug/l	99
65) Chlorobenzene	11.894	112	217810	16.884	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	82007	17.085	ug/l	98
67) Ethyl Benzene	11.965	91	387449	17.548	ug/l	99
68) m/p-Xylenes	12.070	106	310946	35.121	ug/l	100
69) o-Xylene	12.400	106	152810	17.575	ug/l	100
70) Styrene	12.412	104	245020	17.650	ug/l	98
71) Bromoform	12.576	173	59603	17.195	ug/l #	97
73) Isopropylbenzene	12.700	105	395656	17.377	ug/l	100
74) N-amyl acetate	12.500	43	105253	16.070	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	104445	15.957	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	96859m	17.447	ug/l	
77) Bromobenzene	12.982	156	94873	17.457	ug/l	97
78) n-propylbenzene	13.041	91	450807	17.547	ug/l	100
79) 2-Chlorotoluene	13.129	91	267622	16.976	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	339680	17.807	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	32889	18.592	ug/l	92
82) 4-Chlorotoluene	13.129	91	267622	16.976	ug/l	99
83) tert-Butylbenzene	13.441	119	300063	17.687	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	335476	17.539	ug/l	99
85) sec-Butylbenzene	13.617	105	422319	17.939	ug/l	99
86) p-Isopropyltoluene	13.729	119	348015	17.978	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	174696	16.278	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	174306	17.141	ug/l	99
89) n-Butylbenzene	14.059	91	277607	18.065	ug/l	100
90) Hexachloroethane	14.335	117	57443	17.193	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	170969	15.995	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17763	15.612	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	78670	16.139	ug/l	99
94) Hexachlorobutadiene	15.506	225	47123	16.613	ug/l	98
95) Naphthalene	15.641	128	211325	15.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	76890	16.412	ug/l	99

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

