

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090324\
 Data File : VN083617.D
 Acq On : 03 Sep 2024 11:43
 Operator : JC\MD
 Sample : VN0903MBS01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0903MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/04/2024
 Supervised By : Mahesh Dadoda 09/04/2024

Quant Time: Sep 04 02:54:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	195441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	338110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112400	41.150	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.300%		
35) Dibromofluoromethane	8.165	113	82257	40.421	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	80.840%		
50) Toluene-d8	10.565	98	306706	38.917	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	77.840%#		
62) 4-Bromofluorobenzene	12.847	95	117824	40.136	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	80.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43868	21.208	ug/l	97
3) Chloromethane	2.359	50	45658	18.949	ug/l	97
4) Vinyl Chloride	2.518	62	49429	20.498	ug/l	97
5) Bromomethane	2.906	94	26914	21.231	ug/l	95
6) Chloroethane	3.077	64	30797	19.544	ug/l	94
7) Trichlorofluoromethane	3.477	101	85341	21.490	ug/l	98
8) Diethyl Ether	3.953	74	28289	19.927	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	46358	21.525	ug/l	99
10) Methyl Iodide	4.583	142	58847	20.200	ug/l	99
11) Tert butyl alcohol	5.524	59	38104	89.470	ug/l	98
12) 1,1-Dichloroethene	4.330	96	43679	20.400	ug/l	94
13) Acrolein	4.171	56	30807	76.459	ug/l	95
14) Allyl chloride	5.018	41	77426	20.282	ug/l	99
15) Acrylonitrile	5.718	53	106206	101.120	ug/l	100
16) Acetone	4.430	43	117639	107.999	ug/l	99
17) Carbon Disulfide	4.700	76	116665	18.698	ug/l	100
18) Methyl Acetate	5.024	43	51326	17.718	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	157566	20.747	ug/l	99
20) Methylene Chloride	5.271	84	47432	19.719	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	43862	19.667	ug/l	89
22) Diisopropyl ether	6.671	45	157900	20.977	ug/l	96
23) Vinyl Acetate	6.600	43	596399	106.914	ug/l	100
24) 1,1-Dichloroethane	6.559	63	87568	20.400	ug/l	99
25) 2-Butanone	7.483	43	151450	102.120	ug/l	97
26) 2,2-Dichloropropane	7.488	77	87922	21.999	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	53178	19.982	ug/l	95
28) Bromochloromethane	7.812	49	42789	21.346	ug/l	98
29) Tetrahydrofuran	7.835	42	91572	99.545	ug/l	98
30) Chloroform	7.965	83	92342	20.418	ug/l	100
31) Cyclohexane	8.253	56	83836	19.842	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	89193	21.810	ug/l	97
36) 1,1-Dichloropropene	8.365	75	63988	20.614	ug/l	98
37) Ethyl Acetate	7.559	43	61884	20.032	ug/l	99
38) Carbon Tetrachloride	8.359	117	76707	21.659	ug/l	97
39) Methylcyclohexane	9.600	83	79854	21.439	ug/l	98
40) Benzene	8.606	78	197481	20.682	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35820	20.319	ug/l	98
42) 1,2-Dichloroethane	8.665	62	73497	20.765	ug/l	99
43) Isopropyl Acetate	8.688	43	116761	18.081	ug/l	99
44) Trichloroethene	9.353	130	45451	19.787	ug/l	91
45) 1,2-Dichloropropane	9.618	63	48073	21.612	ug/l	97
46) Dibromomethane	9.706	93	33803	20.599	ug/l	99
47) Bromodichloromethane	9.888	83	75545	21.626	ug/l	97
48) Methyl methacrylate	9.677	41	52987	20.912	ug/l	98
49) 1,4-Dioxane	9.700	88	16332	393.370	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	295917	103.035	ug/l	99
52) Toluene	10.629	92	123786	20.728	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	75414	20.854	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	80180	21.124	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	44752	20.996	ug/l	96
56) Ethyl methacrylate	10.871	69	72905	20.675	ug/l	96
57) 1,3-Dichloropropane	11.159	76	78673	20.848	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	138506	90.398	ug/l	98
59) 2-Hexanone	11.194	43	221608	102.817	ug/l	99
60) Dibromochloromethane	11.359	129	53589	21.698	ug/l	97
61) 1,2-Dibromoethane	11.465	107	44768	20.558	ug/l	99
64) Tetrachloroethene	11.100	164	39435	20.421	ug/l	95
65) Chlorobenzene	11.888	112	128690	19.532	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	46680	20.984	ug/l	98
67) Ethyl Benzene	11.965	91	238055	20.241	ug/l	99
68) m/p-Xylenes	12.070	106	175554	39.623	ug/l	98
69) o-Xylene	12.400	106	87286	20.383	ug/l	99
70) Styrene	12.412	104	142963	19.856	ug/l	99
71) Bromoform	12.576	173	32963	20.804	ug/l #	97
73) Isopropylbenzene	12.694	105	225927	19.627	ug/l	99
74) N-amyl acetate	12.494	43	92763	18.566	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	64290	19.673	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	54538m	18.993	ug/l	
77) Bromobenzene	12.982	156	51229	18.969	ug/l	98
78) n-propylbenzene	13.035	91	254789	19.144	ug/l	100
79) 2-Chlorotoluene	13.123	91	161302	18.704	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	189364	19.528	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	22242	18.269	ug/l	92
82) 4-Chlorotoluene	13.217	91	160345	18.302	ug/l	100
83) tert-Butylbenzene	13.435	119	169131	19.617	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	187538	19.213	ug/l	100
85) sec-Butylbenzene	13.617	105	220983	19.284	ug/l	99
86) p-Isopropyltoluene	13.729	119	184004	19.225	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	93717	17.877	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	92752	17.219	ug/l	98
89) n-Butylbenzene	14.053	91	157557	18.714	ug/l	99
90) Hexachloroethane	14.329	117	36819	19.763	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	95554	18.927	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13993	19.743	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	50378	17.597	ug/l	99
94) Hexachlorobutadiene	15.500	225	21386	18.654	ug/l	98
95) Naphthalene	15.641	128	156151	16.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	48599	16.993	ug/l	100

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

