

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080308.D
 Acq On : 29 Nov 2023 14:34
 Operator : JC\MD
 Sample : VN1129MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2023
 Supervised By : Mahesh Dadoda 11/30/2023

Quant Time: Nov 30 04:45:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	261343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	401652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	358394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	168534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	196876	45.624	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.240%		
35) Dibromofluoromethane	8.165	113	147437	49.748	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.500%		
50) Toluene-d8	10.565	98	527532	49.379	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.760%		
62) 4-Bromofluorobenzene	12.847	95	191148	47.369	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	63902	16.415	ug/l	96
3) Chloromethane	2.359	50	47218	16.133	ug/l	99
4) Vinyl Chloride	2.518	62	53656	17.323	ug/l	95
5) Bromomethane	2.959	94	36813	17.508	ug/l	99
6) Chloroethane	3.130	64	35598	17.473	ug/l	96
7) Trichlorofluoromethane	3.500	101	113837	17.619	ug/l	96
8) Diethyl Ether	3.959	74	32338	17.209	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	52234	17.687	ug/l	93
10) Methyl Iodide	4.589	142	54100	16.951	ug/l	90
11) Tert butyl alcohol	5.512	59	35795	75.431	ug/l	100
12) 1,1-Dichloroethene	4.336	96	48600	17.595	ug/l	95
13) Acrolein	4.177	56	28187	67.119	ug/l	98
14) Allyl chloride	5.024	41	58589	16.859	ug/l	92
15) Acrylonitrile	5.712	53	104349	81.912	ug/l	98
16) Acetone	4.418	43	100994	69.681	ug/l	95
17) Carbon Disulfide	4.706	76	124202	15.059	ug/l	96
18) Methyl Acetate	5.018	43	76975	16.530	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	172736	17.708	ug/l	97
20) Methylene Chloride	5.271	84	57261	18.866	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	52950	17.449	ug/l	86
22) Diisopropyl ether	6.671	45	142571	18.543	ug/l	96
23) Vinyl Acetate	6.600	43	379303	82.057	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	96710	17.269	ug/l	99
25) 2-Butanone	7.483	43	126324	73.358	ug/l	93
26) 2,2-Dichloropropane	7.488	77	99809	17.964	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	60801	17.673	ug/l	86
28) Bromochloromethane	7.812	49	41068	18.654	ug/l	95
29) Tetrahydrofuran	7.835	42	75878	82.074	ug/l	92
30) Chloroform	7.965	83	117186	18.722	ug/l	91
31) Cyclohexane	8.259	56	77067	16.422	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	112980	18.509	ug/l	97
36) 1,1-Dichloropropene	8.365	75	77257	18.005	ug/l	96
37) Ethyl Acetate	7.559	43	46782	15.718	ug/l	97
38) Carbon Tetrachloride	8.359	117	100854	18.522	ug/l	96
39) Methylcyclohexane	9.600	83	71591	17.304	ug/l	95
40) Benzene	8.606	78	224195	18.384	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	27626	16.902	ug/l	96
42) 1,2-Dichloroethane	8.671	62	90614	18.162	ug/l	98
43) Isopropyl Acetate	8.688	43	87083	15.036	ug/l	98
44) Trichloroethene	9.353	130	60045	18.771	ug/l	97
45) 1,2-Dichloropropane	9.618	63	54281	19.153	ug/l	99
46) Dibromomethane	9.706	93	41877	19.521	ug/l	93
47) Bromodichloromethane	9.888	83	91283	19.344	ug/l	99
48) Methyl methacrylate	9.682	41	51190	17.151	ug/l	90
49) 1,4-Dioxane	9.694	88	16093	324.103	ug/l	87
51) 4-Methyl-2-Pentanone	10.447	43	260716	86.949	ug/l	98
52) Toluene	10.629	92	147587	19.338	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	86535	17.848	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	93003	18.776	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	55296	18.983	ug/l	94
56) Ethyl methacrylate	10.876	69	55409	18.620	ug/l	93
57) 1,3-Dichloropropane	11.165	76	95536	18.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	113445	67.670	ug/l	98
59) 2-Hexanone	11.194	43	190762	79.172	ug/l	96
60) Dibromochloromethane	11.359	129	67689	19.410	ug/l	99
61) 1,2-Dibromoethane	11.471	107	54594	18.372	ug/l	97
64) Tetrachloroethene	11.106	164	61119	22.346	ug/l	96
65) Chlorobenzene	11.888	112	149761	18.441	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	62844	19.941	ug/l	95
67) Ethyl Benzene	11.965	91	271312	18.775	ug/l	98
68) m/p-Xylenes	12.070	106	201407	38.226	ug/l	87
69) o-Xylene	12.400	106	96057	19.345	ug/l	87
70) Styrene	12.412	104	140190	18.969	ug/l	92
71) Bromoform	12.576	173	42829	18.326	ug/l #	97
73) Isopropylbenzene	12.694	105	252384	19.271	ug/l	100
74) N-amyl acetate	12.494	43	66487	16.280	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	68041	17.359	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	74212m	17.972	ug/l	
77) Bromobenzene	12.982	156	63485	19.227	ug/l	94
78) n-propylbenzene	13.035	91	282513	19.291	ug/l	99
79) 2-Chlorotoluene	13.123	91	185117	19.462	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	222933	19.555	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	24920	20.389	ug/l	89
82) 4-Chlorotoluene	13.223	91	184789	18.964	ug/l	97
83) tert-Butylbenzene	13.441	119	176182	19.271	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	222102	19.785	ug/l	97
85) sec-Butylbenzene	13.617	105	222822	19.267	ug/l	99
86) p-Isopropyltoluene	13.729	119	203764	19.723	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	108221	18.192	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	109242	18.273	ug/l	97
89) n-Butylbenzene	14.059	91	159340	18.427	ug/l	99
90) Hexachloroethane	14.335	117	36376	18.061	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	106778	18.757	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13766	15.120	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	52311	15.799	ug/l	99
94) Hexachlorobutadiene	15.500	225	32482	17.048	ug/l	97
95) Naphthalene	15.641	128	129153	13.452	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	49836	16.059	ug/l	97

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

