

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075261.D
 Acq On : 14 Nov 2022 13:28
 Operator : JC\MD
 Sample : VN1114MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2022
 Supervised By : Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 03:51:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	96275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	173055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	160102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	77818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	61454	47.375	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.740%		
35) Dibromofluoromethane	8.171	113	53453	52.615	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.240%		
50) Toluene-d8	10.565	98	193183	49.013	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.020%		
62) 4-Bromofluorobenzene	12.847	95	73204	52.871	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	22445	17.921	ug/l	98
3) Chloromethane	2.371	50	23837	17.918	ug/l	95
4) Vinyl Chloride	2.524	62	33303	17.548	ug/l	94
5) Bromomethane	2.918	94	29414	18.600	ug/l	99
6) Chloroethane	3.100	64	23922	17.579	ug/l	99
7) Trichlorofluoromethane	3.495	101	39588	20.420	ug/l	99
8) Diethyl Ether	3.977	74	15192	21.484	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	22947	21.433	ug/l	98
10) Methyl Iodide	4.589	142	34682	21.759	ug/l #	93
11) Tert butyl alcohol	5.536	59	25818	85.346	ug/l	96
12) 1,1-Dichloroethene	4.347	96	22176	21.730	ug/l	87
13) Acrolein	4.189	56	14766	59.676	ug/l	99
14) Allyl chloride	5.030	41	31433	21.089	ug/l	97
15) Acrylonitrile	5.730	53	64446	100.850	ug/l	98
16) Acetone	4.436	43	54307	98.872	ug/l	97
17) Carbon Disulfide	4.718	76	57465	22.391	ug/l	99
18) Methyl Acetate	5.030	43	37009	20.628	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	78429	20.677	ug/l	99
20) Methylene Chloride	5.283	84	25421	20.758	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	22682	20.299	ug/l #	88
22) Diisopropyl ether	6.677	45	68260	20.752	ug/l	93
23) Vinyl Acetate	6.612	43	268615m	97.794	ug/l	
24) 1,1-Dichloroethane	6.577	63	43234	20.782	ug/l	99
25) 2-Butanone	7.488	43	84287	97.562	ug/l	94
26) 2,2-Dichloropropane	7.494	77	36442	19.042	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	28096	21.055	ug/l	100
28) Bromochloromethane	7.818	49	17085	19.482	ug/l	97
29) Tetrahydrofuran	7.841	42	52754	94.496	ug/l	99
30) Chloroform	7.971	83	48255	21.364	ug/l	92
31) Cyclohexane	8.265	56	39630	20.541	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	42316	20.631	ug/l	99
36) 1,1-Dichloropropene	8.377	75	33040	21.007	ug/l	97
37) Ethyl Acetate	7.565	43	32680	18.946	ug/l	97
38) Carbon Tetrachloride	8.365	117	38080	22.010	ug/l	89
39) Methylcyclohexane	9.600	83	42943	20.682	ug/l	94
40) Benzene	8.612	78	104792	21.760	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	16413	19.861	ug/l #	93
42) 1,2-Dichloroethane	8.671	62	36896	21.059	ug/l	98
43) Isopropyl Acetate	8.688	43	51206	19.139	ug/l	97
44) Trichloroethene	9.353	130	26291	21.760	ug/l	99
45) 1,2-Dichloropropane	9.624	63	24917	21.742	ug/l	100
46) Dibromomethane	9.712	93	19489	21.827	ug/l	99
47) Bromodichloromethane	9.888	83	38049	22.005	ug/l	99
48) Methyl methacrylate	9.682	41	25164	20.504	ug/l	91
49) 1,4-Dioxane	9.694	88	13677	425.567	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	169711	98.296	ug/l	99
52) Toluene	10.629	92	67777	21.054	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	38176	20.918	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	41201	21.284	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	27399	21.465	ug/l	95
56) Ethyl methacrylate	10.876	69	38334	19.688	ug/l	98
57) 1,3-Dichloropropane	11.165	76	44747	21.051	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	76447	101.561	ug/l	98
59) 2-Hexanone	11.194	43	126029	96.178	ug/l	100
60) Dibromochloromethane	11.359	129	30288	22.491	ug/l	98
61) 1,2-Dibromoethane	11.471	107	28296	21.631	ug/l	100
64) Tetrachloroethene	11.106	164	24480	24.940	ug/l	96
65) Chlorobenzene	11.888	112	71660	20.969	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	27241	21.488	ug/l	98
67) Ethyl Benzene	11.965	91	128579	20.913	ug/l	99
68) m/p-Xylenes	12.070	106	102047	41.364	ug/l	98
69) o-Xylene	12.400	106	51018	20.911	ug/l	97
70) Styrene	12.412	104	81576	20.970	ug/l	99
71) Bromoform	12.576	173	21643	22.803	ug/l #	97
73) Isopropylbenzene	12.694	105	127506	20.410	ug/l	97
74) N-amyl acetate	12.494	43	43650	18.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	41364	20.717	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	35702m	21.608	ug/l	
77) Bromobenzene	12.982	156	29981	21.795	ug/l	98
78) n-propylbenzene	13.035	91	148387	21.156	ug/l	99
79) 2-Chlorotoluene	13.123	91	88579	20.666	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	110453	21.050	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	13379	20.786	ug/l	93
82) 4-Chlorotoluene	13.123	91	88579	20.666	ug/l	97
83) tert-Butylbenzene	13.441	119	96757	20.752	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	114207	21.512	ug/l	99
85) sec-Butylbenzene	13.617	105	136564	20.937	ug/l	98
86) p-Isopropyltoluene	13.729	119	116175	21.567	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	58506	21.722	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	58291	21.868	ug/l	99
89) n-Butylbenzene	14.059	91	95043	21.910	ug/l	98
90) Hexachloroethane	14.335	117	20452	20.708	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	57978	21.653	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8417	19.974	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	28741	24.944	ug/l	97
94) Hexachlorobutadiene	15.500	225	13355	23.776	ug/l	98
95) Naphthalene	15.641	128	95854	21.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	27155	23.719	ug/l	97

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

