

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080883.D
 Acq On : 02 Feb 2024 19:03
 Operator : JC\MD
 Sample : VN0202MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/05/2024
 Supervised By : Semsettin Yesilyurt 02/05/2024

Quant Time: Feb 02 23:55:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	95727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	202939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	180350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	91035	54.971	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.940%			
35) Dibromofluoromethane	8.165	113	62189	50.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.180%			
50) Toluene-d8	10.571	98	262277	53.972	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.940%			
62) 4-Bromofluorobenzene	12.853	95	86235	50.924	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	31948	22.469	ug/l	99
3) Chloromethane	2.360	50	42151	19.722	ug/l	96
4) Vinyl Chloride	2.513	62	33352	20.526	ug/l	96
5) Bromomethane	2.954	94	14956	23.012	ug/l	95
6) Chloroethane	3.124	64	20567	23.741	ug/l	96
7) Trichlorofluoromethane	3.495	101	45944	21.847	ug/l #	82
8) Diethyl Ether	3.954	74	21047	21.695	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	28249	23.036	ug/l	98
10) Methyl Iodide	4.589	142	21404	20.676	ug/l #	88
11) Tert butyl alcohol	5.506	59	31014	114.886	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	28514	21.221	ug/l	86
13) Acrolein	4.177	56	39777	116.845	ug/l	97
14) Allyl chloride	5.018	41	54072	20.359	ug/l	96
15) Acrylonitrile	5.718	53	92300	113.685	ug/l	97
16) Acetone	4.424	43	76672	127.658	ug/l	92
17) Carbon Disulfide	4.712	76	77161	18.446	ug/l #	93
18) Methyl Acetate	5.030	43	52508	25.085	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	101828	21.507	ug/l	96
20) Methylene Chloride	5.277	84	34634	21.967	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	30307	20.761	ug/l	92
22) Diisopropyl ether	6.677	45	130715	22.306	ug/l	97
23) Vinyl Acetate	6.606	43	494081	116.526	ug/l	99
24) 1,1-Dichloroethane	6.571	63	66460	22.362	ug/l	96
25) 2-Butanone	7.483	43	132881	116.481	ug/l	95
26) 2,2-Dichloropropane	7.489	77	48211	20.070	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	35134	20.791	ug/l	96
28) Bromochloromethane	7.818	49	31731	20.166	ug/l	99
29) Tetrahydrofuran	7.836	42	91431	118.445	ug/l	96
30) Chloroform	7.971	83	59337	21.491	ug/l	98
31) Cyclohexane	8.259	56	60786	21.405	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	48593	21.703	ug/l	97
36) 1,1-Dichloropropene	8.371	75	47711	20.675	ug/l	94
37) Ethyl Acetate	7.565	43	53316	22.443	ug/l	99
38) Carbon Tetrachloride	8.359	117	36259	19.501	ug/l	95
39) Methylcyclohexane	9.600	83	43361	18.904	ug/l	99
40) Benzene	8.606	78	141362	20.842	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29590m	21.133	ug/l	
42) 1,2-Dichloroethane	8.665	62	48536	21.965	ug/l	99
43) Isopropyl Acetate	8.689	43	91086	21.060	ug/l	99
44) Trichloroethene	9.353	130	29684	19.870	ug/l	96
45) 1,2-Dichloropropane	9.624	63	37637	20.505	ug/l	96
46) Dibromomethane	9.712	93	22866	21.015	ug/l	97
47) Bromodichloromethane	9.889	83	44855	20.304	ug/l	92
48) Methyl methacrylate	9.689	41	41472	19.779	ug/l	96
49) 1,4-Dioxane	9.694	88	12798	506.708	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	308213	127.474	ug/l	96
52) Toluene	10.636	92	80281	20.644	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	51858	20.151	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	61742	22.062	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	32759	21.919	ug/l	96
56) Ethyl methacrylate	10.877	69	51721	22.512	ug/l	94
57) 1,3-Dichloropropane	11.165	76	62003	22.044	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	134324	100.290	ug/l	99
59) 2-Hexanone	11.200	43	205488	109.412	ug/l	99
60) Dibromochloromethane	11.359	129	28251	20.322	ug/l	95
61) 1,2-Dibromoethane	11.471	107	29601	21.134	ug/l	99
64) Tetrachloroethene	11.106	164	23142	19.522	ug/l	88
65) Chlorobenzene	11.894	112	78771	20.012	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	26248	20.507	ug/l	99
67) Ethyl Benzene	11.965	91	147632	20.180	ug/l	95
68) m/p-Xylenes	12.071	106	106572	41.019	ug/l	99
69) o-Xylene	12.400	106	52402	20.298	ug/l	99
70) Styrene	12.412	104	85205	20.551	ug/l	98
71) Bromoform	12.577	173	15938	18.416	ug/l #	97
73) Isopropylbenzene	12.700	105	128718	20.077	ug/l	100
74) N-amyl acetate	12.494	43	80583	20.244	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	48500	21.506	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	42489m	20.123	ug/l	
77) Bromobenzene	12.982	156	26977	19.684	ug/l	99
78) n-propylbenzene	13.035	91	154420	20.161	ug/l	99
79) 2-Chlorotoluene	13.129	91	97335	19.995	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	100430	19.669	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	14529	17.726	ug/l	88
82) 4-Chlorotoluene	13.224	91	91378	18.957	ug/l	98
83) tert-Butylbenzene	13.441	119	79851	19.584	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	100134	19.356	ug/l	96
85) sec-Butylbenzene	13.618	105	119599	19.896	ug/l	98
86) p-Isopropyltoluene	13.729	119	91500	19.587	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	48455	19.767	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	49881	20.296	ug/l	99
89) n-Butylbenzene	14.059	91	87987	19.247	ug/l	96
90) Hexachloroethane	14.335	117	15126	18.505	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	47700	21.260	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	8019	19.023	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	23568	20.409	ug/l	92
94) Hexachlorobutadiene	15.500	225	9541	18.912	ug/l	97
95) Naphthalene	15.641	128	87376	19.774	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	20681	18.220	ug/l	88

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

