

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081480.D
 Acq On : 19 Mar 2024 18:56
 Operator : JC\MD
 Sample : VN0319MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319MBS01

Quant Time: Mar 20 01:22:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/20/2024
 Supervised By : Mahesh Dadoda 03/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	400229	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	708402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	637509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	288199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	267272	52.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.740%			
35) Dibromofluoromethane	8.165	113	229296	51.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	10.571	98	822170	50.873	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.740%			
62) 4-Bromofluorobenzene	12.847	95	284386	49.940	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	97934	18.173	ug/l	96
3) Chloromethane	2.359	50	98486	18.355	ug/l	99
4) Vinyl Chloride	2.518	62	112807	18.734	ug/l	96
5) Bromomethane	2.959	94	73837	17.338	ug/l	96
6) Chloroethane	3.124	64	76342	18.465	ug/l	98
7) Trichlorofluoromethane	3.500	101	175227	19.525	ug/l	95
8) Diethyl Ether	3.965	74	58370	19.653	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	93951	18.424	ug/l #	87
10) Methyl Iodide	4.589	142	101562	20.000	ug/l	91
11) Tert butyl alcohol	5.518	59	83988	94.426	ug/l	98
12) 1,1-Dichloroethene	4.342	96	89408	18.929	ug/l	89
13) Acrolein	4.177	56	75024	93.999	ug/l	95
14) Allyl chloride	5.024	41	106641	18.018	ug/l #	82
15) Acrylonitrile	5.712	53	219843	92.389	ug/l	98
16) Acetone	4.430	43	165774	100.501	ug/l	96
17) Carbon Disulfide	4.712	76	242572	17.896	ug/l	97
18) Methyl Acetate	5.024	43	102262	20.109	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	286451	19.378	ug/l	91
20) Methylene Chloride	5.271	84	105097	19.451	ug/l #	80
21) trans-1,2-Dichloroethene	5.794	96	96848	18.390	ug/l	87
22) Diisopropyl ether	6.671	45	274523	19.962	ug/l #	87
23) Vinyl Acetate	6.606	43	1060791	96.908	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	178323	19.360	ug/l #	94
25) 2-Butanone	7.483	43	268862	95.031	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	145652	18.232	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	114272	19.177	ug/l	85
28) Bromochloromethane	7.812	49	67269	17.930	ug/l #	52
29) Tetrahydrofuran	7.835	42	178217	93.506	ug/l #	78
30) Chloroform	7.965	83	192255	19.497	ug/l	98
31) Cyclohexane	8.259	56	148154	17.838	ug/l #	77
32) 1,1,1-Trichloroethane	8.171	97	171472	19.167	ug/l	92
36) 1,1-Dichloropropene	8.371	75	138590	18.420	ug/l	96
37) Ethyl Acetate	7.559	43	120518	18.707	ug/l	98
38) Carbon Tetrachloride	8.359	117	151109	18.334	ug/l	99
39) Methylcyclohexane	9.606	83	157068	18.694	ug/l	84
40) Benzene	8.606	78	412933	18.773	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	59885	17.577	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	141523	18.282	ug/l	95
43) Isopropyl Acetate	8.688	43	257896m	24.149	ug/l	
44) Trichloroethene	9.353	130	112754	18.226	ug/l	92
45) 1,2-Dichloropropane	9.624	63	103433	19.403	ug/l	99
46) Dibromomethane	9.712	93	74772	18.470	ug/l #	88
47) Bromodichloromethane	9.888	83	150057	18.958	ug/l #	97
48) Methyl methacrylate	9.682	41	92403	18.759	ug/l #	85
49) 1,4-Dioxane	9.694	88	42252	356.943	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	595654	91.408	ug/l	94
52) Toluene	10.635	92	259063	18.530	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	154707	18.101	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	160582	17.524	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	105664	18.780	ug/l	92
56) Ethyl methacrylate	10.876	69	144699	18.808	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	173929	18.857	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	375669	106.113	ug/l #	83
59) 2-Hexanone	11.194	43	438706	91.059	ug/l	92
60) Dibromochloromethane	11.365	129	112364	18.159	ug/l	99
61) 1,2-Dibromoethane	11.471	107	107207	18.690	ug/l	96
64) Tetrachloroethene	11.106	164	115950	19.028	ug/l	94
65) Chlorobenzene	11.894	112	276416	18.341	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	105997	18.977	ug/l	97
67) Ethyl Benzene	11.965	91	489644	18.704	ug/l	98
68) m/p-Xylenes	12.071	106	376591	38.373	ug/l	94
69) o-Xylene	12.400	106	180820	18.768	ug/l	93
70) Styrene	12.412	104	295453	19.014	ug/l	95
71) Bromoform	12.576	173	75447	17.975	ug/l #	94
73) Isopropylbenzene	12.700	105	471748	19.203	ug/l	99
74) N-amyl acetate	12.494	43	174549	19.634	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.935	83	131935	18.266	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	125531m	18.209	ug/l	
77) Bromobenzene	12.982	156	110902	18.275	ug/l	70
78) n-propylbenzene	13.035	91	553950	19.094	ug/l	96
79) 2-Chlorotoluene	13.129	91	331393	19.085	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	398753	19.652	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	46147	18.089	ug/l	93
82) 4-Chlorotoluene	13.223	91	333226	19.465	ug/l	92
83) tert-Butylbenzene	13.441	119	335420	19.170	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	401916	19.708	ug/l	92
85) sec-Butylbenzene	13.617	105	482126	19.275	ug/l	94
86) p-Isopropyltoluene	13.729	119	392823	19.212	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	207804	18.637	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	209070	18.109	ug/l	98
89) n-Butylbenzene	14.059	91	332845	18.358	ug/l	96
90) Hexachloroethane	14.335	117	72684	18.770	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	201534	18.780	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27742	18.048	ug/l	68
93) 1,2,4-Trichlorobenzene	15.394	180	106482	17.160	ug/l	98
94) Hexachlorobutadiene	15.506	225	45487	16.707	ug/l	97
95) Naphthalene	15.641	128	360649	17.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	110118	17.643	ug/l	95

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

