

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN084008.D
 Acq On : 19 Sep 2024 03:46
 Operator : JC\MD
 Sample : VN0918MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2024
 Supervised By : Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 05:46:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120987	55.203	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.400%			
35) Dibromofluoromethane	8.171	113	86741	52.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.620%			
50) Toluene-d8	10.565	98	305779	53.853	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.700%			
62) 4-Bromofluorobenzene	12.847	95	117863	50.313	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	28729	17.020	ug/l	93
3) Chloromethane	2.360	50	30113	16.222	ug/l	98
4) Vinyl Chloride	2.518	62	31101	16.809	ug/l	98
5) Bromomethane	2.965	94	20138	18.957	ug/l	94
6) Chloroethane	3.124	64	20382	15.704	ug/l	98
7) Trichlorofluoromethane	3.495	101	55062	17.532	ug/l	97
8) Diethyl Ether	3.965	74	19434	18.460	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	29668	17.822	ug/l	98
10) Methyl Iodide	4.595	142	36910	17.434	ug/l	99
11) Tert butyl alcohol	5.512	59	33687	114.783	ug/l	98
12) 1,1-Dichloroethene	4.342	96	27946	17.776	ug/l	98
13) Acrolein	4.177	56	17218	59.460	ug/l	98
14) Allyl chloride	5.024	41	45500	16.243	ug/l	92
15) Acrylonitrile	5.718	53	81510	102.126	ug/l	99
16) Acetone	4.424	43	74202	84.456	ug/l	97
17) Carbon Disulfide	4.712	76	68991	15.688	ug/l	99
18) Methyl Acetate	5.030	43	40845	21.246	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	107502	18.897	ug/l	96
20) Methylene Chloride	5.277	84	32688	18.181	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	29183	17.321	ug/l	97
22) Diisopropyl ether	6.677	45	110878	19.228	ug/l	96
23) Vinyl Acetate	6.600	43	413848	98.001	ug/l	97
24) 1,1-Dichloroethane	6.571	63	61504	18.513	ug/l	99
25) 2-Butanone	7.483	43	112158	97.127	ug/l	94
26) 2,2-Dichloropropane	7.489	77	43501	14.218	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	36926	18.463	ug/l	99
28) Bromochloromethane	7.812	49	31055	22.197	ug/l	97
29) Tetrahydrofuran	7.836	42	69126	101.239	ug/l	99
30) Chloroform	7.965	83	64538	18.298	ug/l	97
31) Cyclohexane	8.253	56	53638	16.934	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	60391	18.621	ug/l	96
36) 1,1-Dichloropropene	8.371	75	42650	17.253	ug/l	98
37) Ethyl Acetate	7.559	43	47990	21.387	ug/l	95
38) Carbon Tetrachloride	8.359	117	51062	18.207	ug/l	98
39) Methylcyclohexane	9.600	83	44043	15.652	ug/l	95
40) Benzene	8.606	78	133925	17.999	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26152	19.705	ug/l	97
42) 1,2-Dichloroethane	8.671	62	52695	18.953	ug/l	99
43) Isopropyl Acetate	8.688	43	93756	23.057	ug/l	96
44) Trichloroethene	9.353	130	31462	18.259	ug/l	89
45) 1,2-Dichloropropane	9.624	63	34207	19.021	ug/l #	88
46) Dibromomethane	9.706	93	24405	19.374	ug/l	99
47) Bromodichloromethane	9.888	83	52606	19.297	ug/l	97
48) Methyl methacrylate	9.683	41	39109	20.272	ug/l	98
49) 1,4-Dioxane	9.694	88	13365	421.119	ug/l #	97
51) 4-Methyl-2-Pentanone	10.441	43	239032	107.988	ug/l	97
52) Toluene	10.630	92	82595	18.148	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	48988	17.728	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	51863	17.868	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	31465	18.518	ug/l	93
56) Ethyl methacrylate	10.871	69	52538	20.097	ug/l	94
57) 1,3-Dichloropropane	11.159	76	56946	19.500	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	118506	125.810	ug/l	97
59) 2-Hexanone	11.194	43	171117	104.506	ug/l	98
60) Dibromochloromethane	11.359	129	37476	19.708	ug/l	100
61) 1,2-Dibromoethane	11.471	107	31380	18.518	ug/l	97
64) Tetrachloroethene	11.100	164	26862	18.123	ug/l	96
65) Chlorobenzene	11.888	112	88984	17.963	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	32381	18.856	ug/l	98
67) Ethyl Benzene	11.965	91	161768	18.383	ug/l	99
68) m/p-Xylenes	12.071	106	119696	36.637	ug/l	98
69) o-Xylene	12.400	106	58886	18.618	ug/l	99
70) Styrene	12.412	104	99789	19.225	ug/l	100
71) Bromoform	12.576	173	23067	19.933	ug/l #	100
73) Isopropylbenzene	12.694	105	151380	19.015	ug/l	100
74) N-amyl acetate	12.494	43	71424	21.028	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	45973	19.654	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	40283m	19.401	ug/l	
77) Bromobenzene	12.982	156	36080	18.828	ug/l	99
78) n-propylbenzene	13.035	91	176639	19.070	ug/l	99
79) 2-Chlorotoluene	13.124	91	113991	19.297	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	127374	18.977	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	14026	17.692	ug/l	91
82) 4-Chlorotoluene	13.218	91	110243	18.597	ug/l	99
83) tert-Butylbenzene	13.435	119	110586	18.832	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	126203	18.719	ug/l	99
85) sec-Butylbenzene	13.618	105	149483	19.195	ug/l	99
86) p-Isopropyltoluene	13.729	119	120620	18.477	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	64402	17.808	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	65606	17.915	ug/l	98
89) n-Butylbenzene	14.053	91	102549	17.496	ug/l	99
90) Hexachloroethane	14.335	117	24389	18.585	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	62534	17.917	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	9243	19.823	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	30931	16.514	ug/l	98
94) Hexachlorobutadiene	15.500	225	13638	17.146	ug/l	97
95) Naphthalene	15.635	128	98256	17.243	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	30444	17.008	ug/l	98

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

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