

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN084009.D
 Acq On : 19 Sep 2024 04:10
 Operator : JC\MD
 Sample : VN0918MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 39 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 05:48:04 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	140652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	221096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113631	53.578	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.160%			
35) Dibromofluoromethane	8.165	113	82304	50.643	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.280%			
50) Toluene-d8	10.565	98	289434	51.516	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.040%			
62) 4-Bromofluorobenzene	12.847	95	109954	47.435	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28806	17.635	ug/l	99
3) Chloromethane	2.359	50	29020	16.148	ug/l	97
4) Vinyl Chloride	2.512	62	29952	16.729	ug/l	99
5) Bromomethane	2.959	94	19439	18.910	ug/l	98
6) Chloroethane	3.124	64	19443	15.481	ug/l	99
7) Trichlorofluoromethane	3.501	101	54854	18.049	ug/l	98
8) Diethyl Ether	3.965	74	19525	19.166	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	29579	18.362	ug/l	99
10) Methyl Iodide	4.589	142	36603	17.866	ug/l	93
11) Tert butyl alcohol	5.518	59	31559	111.124	ug/l	99
12) 1,1-Dichloroethene	4.342	96	27595	18.139	ug/l	95
13) Acrolein	4.177	56	17408	62.124	ug/l	99
14) Allyl chloride	5.018	41	43958	16.216	ug/l	91
15) Acrylonitrile	5.718	53	76179	98.634	ug/l	99
16) Acetone	4.424	43	71166	83.706	ug/l	97
17) Carbon Disulfide	4.712	76	66216	15.560	ug/l	98
18) Methyl Acetate	5.024	43	39605	21.292	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	105909	19.239	ug/l	98
20) Methylene Chloride	5.271	84	32178	18.495	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	28673	17.587	ug/l	95
22) Diisopropyl ether	6.671	45	107062	19.186	ug/l	97
23) Vinyl Acetate	6.600	43	388631	95.103	ug/l	98
24) 1,1-Dichloroethane	6.565	63	61933	19.265	ug/l	98
25) 2-Butanone	7.483	43	106013	94.871	ug/l	98
26) 2,2-Dichloropropane	7.494	77	40152	13.562	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	36389	18.802	ug/l	100
28) Bromochloromethane	7.812	49	31015	22.909	ug/l	93
29) Tetrahydrofuran	7.841	42	68684	103.951	ug/l	97
30) Chloroform	7.971	83	63789	18.690	ug/l	95
31) Cyclohexane	8.259	56	51662	16.854	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	58622	18.680	ug/l	96
36) 1,1-Dichloropropene	8.371	75	41885	17.123	ug/l	100
37) Ethyl Acetate	7.559	43	46792	21.074	ug/l #	94
38) Carbon Tetrachloride	8.365	117	49150	17.711	ug/l	95
39) Methylcyclohexane	9.600	83	42940	15.422	ug/l	96
40) Benzene	8.606	78	133275	18.102	ug/l	96

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 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)
41) Methacrylonitrile	7.783	41	25095	19.109	ug/l	99
42) 1,2-Dichloroethane	8.671	62	50520	18.363	ug/l	99
43) Isopropyl Acetate	8.688	43	89658	22.283	ug/l	96
44) Trichloroethene	9.353	130	29902	17.538	ug/l	86
45) 1,2-Dichloropropane	9.624	63	32518	18.274	ug/l	89
46) Dibromomethane	9.706	93	23284	18.681	ug/l	97
47) Bromodichloromethane	9.888	83	52330	19.400	ug/l	99
48) Methyl methacrylate	9.682	41	36573	19.159	ug/l	97
49) 1,4-Dioxane	9.694	88	13219	420.942	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	228680	104.409	ug/l	96
52) Toluene	10.629	92	80418	17.857	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	47792	17.479	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	50732	17.664	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	31463	18.714	ug/l	95
56) Ethyl methacrylate	10.871	69	52805	20.414	ug/l	97
57) 1,3-Dichloropropane	11.165	76	55021	19.041	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	98684	105.879	ug/l	97
59) 2-Hexanone	11.194	43	165518	102.161	ug/l	97
60) Dibromochloromethane	11.359	129	36316	19.301	ug/l	98
61) 1,2-Dibromoethane	11.471	107	31391	18.721	ug/l	99
64) Tetrachloroethene	11.100	164	27007	18.368	ug/l	94
65) Chlorobenzene	11.888	112	87670	17.841	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	32415	19.028	ug/l	98
67) Ethyl Benzene	11.965	91	157809	18.078	ug/l	100
68) m/p-Xylenes	12.071	106	116284	35.880	ug/l	98
69) o-Xylene	12.400	106	57571	18.350	ug/l	99
70) Styrene	12.412	104	95633	18.573	ug/l	99
71) Bromoform	12.576	173	22465	19.570	ug/l #	96
73) Isopropylbenzene	12.694	105	147117	18.803	ug/l	100
74) N-amyl acetate	12.494	43	67729	20.289	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	44123	19.193	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	38992m	19.108	ug/l	
77) Bromobenzene	12.976	156	34175	18.145	ug/l	97
78) n-propylbenzene	13.035	91	176562	19.395	ug/l	98
79) 2-Chlorotoluene	13.123	91	110098	18.963	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	125481	19.022	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	13011	16.699	ug/l	93
82) 4-Chlorotoluene	13.218	91	109873	18.858	ug/l	99
83) tert-Butylbenzene	13.435	119	107770	18.673	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	123771	18.679	ug/l	100
85) sec-Butylbenzene	13.618	105	147376	19.255	ug/l	98
86) p-Isopropyltoluene	13.729	119	120449	18.773	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	63239	17.792	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	63931	17.763	ug/l	98
89) n-Butylbenzene	14.053	91	101782	17.668	ug/l	98
90) Hexachloroethane	14.335	117	23533	18.246	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	61787	18.012	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9489	20.706	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	29687	16.127	ug/l	98
94) Hexachlorobutadiene	15.500	225	13690	17.512	ug/l	96
95) Naphthalene	15.641	128	99899	17.838	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	30508	17.341	ug/l	97

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

