

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083961.D
 Acq On : 18 Sep 2024 04:45
 Operator : JC\MD
 Sample : VN0917MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2024
 Supervised By : Mahesh Dadoda 09/18/2024

Quant Time: Sep 18 05:44:52 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	134556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	236249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96247	47.438	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.880%		
35) Dibromofluoromethane	8.165	113	69381	45.874	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.740%		
50) Toluene-d8	10.565	98	245433	46.941	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.880%		
62) 4-Bromofluorobenzene	12.847	95	91840	42.574	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	85.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	29286	18.741	ug/l	99
3) Chloromethane	2.359	50	30701	18.060	ug/l	99
4) Vinyl Chloride	2.518	62	31164	18.195	ug/l	97
5) Bromomethane	2.959	94	20420	20.764	ug/l	89
6) Chloroethane	3.124	64	21599	17.977	ug/l	94
7) Trichlorofluoromethane	3.501	101	55021	18.924	ug/l	98
8) Diethyl Ether	3.959	74	18164	18.638	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	29754	19.308	ug/l	98
10) Methyl Iodide	4.589	142	36980	18.868	ug/l	92
11) Tert butyl alcohol	5.518	59	31491	115.908	ug/l	97
12) 1,1-Dichloroethene	4.342	96	28056	19.278	ug/l	79
13) Acrolein	4.183	56	19281	71.926	ug/l	96
14) Allyl chloride	5.024	41	44748	17.256	ug/l	91
15) Acrylonitrile	5.718	53	78626	106.414	ug/l	99
16) Acetone	4.430	43	71367	87.745	ug/l	94
17) Carbon Disulfide	4.712	76	69692	17.119	ug/l	99
18) Methyl Acetate	5.024	43	40277	22.756	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	103968	19.742	ug/l	97
20) Methylene Chloride	5.277	84	32616	19.596	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	29184	18.711	ug/l	93
22) Diisopropyl ether	6.671	45	107196	20.080	ug/l	94
23) Vinyl Acetate	6.600	43	394686	100.960	ug/l	98
24) 1,1-Dichloroethane	6.565	63	59090	19.213	ug/l	97
25) 2-Butanone	7.483	43	108819	101.794	ug/l	100
26) 2,2-Dichloropropane	7.489	77	39397	13.910	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	36471	19.698	ug/l	99
28) Bromochloromethane	7.812	49	26506	20.465	ug/l	98
29) Tetrahydrofuran	7.841	42	70242	111.125	ug/l	96
30) Chloroform	7.971	83	64518	19.760	ug/l	95
31) Cyclohexane	8.259	56	49090	16.741	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	58391	19.449	ug/l	97
36) 1,1-Dichloropropene	8.371	75	41884	18.399	ug/l	99
37) Ethyl Acetate	7.559	43	46922	22.708	ug/l #	94
38) Carbon Tetrachloride	8.365	117	50318	19.483	ug/l	93
39) Methylcyclohexane	9.600	83	43331	16.723	ug/l	94
40) Benzene	8.606	78	131850	19.243	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	25676	21.009	ug/l	99
42) 1,2-Dichloroethane	8.671	62	51333	20.050	ug/l	99
43) Isopropyl Acetate	8.683	43	81792	21.843	ug/l	100
44) Trichloroethene	9.347	130	31155	19.635	ug/l	97
45) 1,2-Dichloropropane	9.618	63	33147	20.016	ug/l	98
46) Dibromomethane	9.706	93	23811	20.528	ug/l	96
47) Bromodichloromethane	9.888	83	51236	20.410	ug/l	95
48) Methyl methacrylate	9.683	41	37489	21.102	ug/l	97
49) 1,4-Dioxane	9.694	88	12624	431.961	ug/l #	100
51) 4-Methyl-2-Pentanone	10.441	43	229359	112.525	ug/l	96
52) Toluene	10.630	92	82023	19.571	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	47932	18.837	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	50891	19.040	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	32287	20.635	ug/l	97
56) Ethyl methacrylate	10.871	69	50548	20.998	ug/l	96
57) 1,3-Dichloropropane	11.165	76	54638	20.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	106418	122.688	ug/l	96
59) 2-Hexanone	11.194	43	162639	107.867	ug/l	98
60) Dibromochloromethane	11.359	129	35525	20.288	ug/l	98
61) 1,2-Dibromoethane	11.465	107	31620	20.264	ug/l	99
64) Tetrachloroethene	11.106	164	26365	18.846	ug/l	96
65) Chlorobenzene	11.888	112	85786	18.349	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	31676	19.543	ug/l	98
67) Ethyl Benzene	11.959	91	155381	18.708	ug/l	98
68) m/p-Xylenes	12.071	106	114588	37.162	ug/l	97
69) o-Xylene	12.400	106	55031	18.435	ug/l	98
70) Styrene	12.412	104	96399	19.677	ug/l	99
71) Bromoform	12.576	173	23051	21.105	ug/l #	99
73) Isopropylbenzene	12.694	105	148056	19.611	ug/l	100
74) N-amyl acetate	12.494	43	66938	20.781	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	44891	20.237	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	38694m	19.651	ug/l	
77) Bromobenzene	12.976	156	34635	19.058	ug/l	97
78) n-propylbenzene	13.035	91	168490	19.181	ug/l	100
79) 2-Chlorotoluene	13.123	91	109961	19.629	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	122418	19.233	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	13505	17.963	ug/l	94
82) 4-Chlorotoluene	13.218	91	106923	19.019	ug/l	99
83) tert-Butylbenzene	13.435	119	106171	19.065	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	123339	19.290	ug/l	99
85) sec-Butylbenzene	13.612	105	142894	19.348	ug/l	99
86) p-Isopropyltoluene	13.729	119	116977	18.895	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	60962	17.775	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	63269	18.218	ug/l	98
89) n-Butylbenzene	14.053	91	97479	17.537	ug/l	100
90) Hexachloroethane	14.329	117	23537	18.913	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	61524	18.587	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8893	20.111	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	29506	16.612	ug/l	98
94) Hexachlorobutadiene	15.500	225	13084	17.345	ug/l	96
95) Naphthalene	15.641	128	97196	17.986	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	29968	17.654	ug/l	96

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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

