

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083928.D
 Acq On : 16 Sep 2024 19:27
 Operator : JC\MD
 Sample : VN0916MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916MBS01

Quant Time: Sep 17 02:37:56 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

Manual Integrations APPROVED

Reviewed By :John
 Carlone

09/17/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	146423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104913	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	115169	52.163	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.320%	
35) Dibromofluoromethane	8.165	113	81974	50.012	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.020%	
50) Toluene-d8	10.565	98	290901	51.337	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.847	95	110994	47.477	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 94.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	30030	17.660	ug/l	91
3) Chloromethane	2.365	50	31114	16.688	ug/l	96
4) Vinyl Chloride	2.512	62	32196	17.274	ug/l	98
5) Bromomethane	2.959	94	20208	18.883	ug/l	97
6) Chloroethane	3.124	64	21619	16.535	ug/l	100
7) Trichlorofluoromethane	3.500	101	55169	17.437	ug/l	96
8) Diethyl Ether	3.959	74	19507	18.393	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	29807	17.774	ug/l	96
10) Methyl Iodide	4.588	142	36345	17.041	ug/l #	97
11) Tert butyl alcohol	5.524	59	34072	115.244	ug/l	100
12) 1,1-Dichloroethene	4.341	96	28311	17.876	ug/l	95
13) Acrolein	4.183	56	23211	79.569	ug/l	97
14) Allyl chloride	5.018	41	49963	17.705	ug/l	97
15) Acrylonitrile	5.718	53	78286	97.367	ug/l	97
16) Acetone	4.430	43	74718	84.420	ug/l	90
17) Carbon Disulfide	4.718	76	70232	15.853	ug/l	100
18) Methyl Acetate	5.024	43	38894	19.977	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	105909	18.480	ug/l	99
20) Methylene Chloride	5.271	84	32780	18.099	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	28301	16.675	ug/l	93
22) Diisopropyl ether	6.671	45	107999	18.591	ug/l	94
23) Vinyl Acetate	6.600	43	405815	95.394	ug/l	98
24) 1,1-Dichloroethane	6.571	63	59700	17.838	ug/l	98
25) 2-Butanone	7.482	43	115942	99.667	ug/l	95
26) 2,2-Dichloropropane	7.488	77	47968	15.563	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	36399	18.066	ug/l	98
28) Bromochloromethane	7.818	49	31691	22.486	ug/l	96
29) Tetrahydrofuran	7.841	42	72645	105.613	ug/l	98
30) Chloroform	7.965	83	64871	18.258	ug/l	99
31) Cyclohexane	8.259	56	51516	16.144	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	58574	17.929	ug/l	94
36) 1,1-Dichloropropene	8.371	75	43102	17.471	ug/l	99
37) Ethyl Acetate	7.559	43	47551	21.234	ug/l #	93
38) Carbon Tetrachloride	8.365	117	51691	18.468	ug/l	93
39) Methylcyclohexane	9.600	83	46404	16.525	ug/l	97
40) Benzene	8.606	78	133441	17.970	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	25454	19.218	ug/l	99
42) 1,2-Dichloroethane	8.671	62	51348	18.506	ug/l	97
43) Isopropyl Acetate	8.688	43	83407	20.553	ug/l	99
44) Trichloroethene	9.353	130	32649	18.987	ug/l	96
45) 1,2-Dichloropropane	9.618	63	31603	17.609	ug/l	90
46) Dibromomethane	9.706	93	23245	18.491	ug/l	97
47) Bromodichloromethane	9.888	83	52330	19.235	ug/l	99
48) Methyl methacrylate	9.682	41	37624	19.542	ug/l	97
49) 1,4-Dioxane	9.700	88	13267	418.883	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	237006	107.291	ug/l	99
52) Toluene	10.629	92	81624	17.971	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	50394	18.274	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	51622	17.821	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	31130	18.358	ug/l	96
56) Ethyl methacrylate	10.876	69	52510	20.128	ug/l	96
57) 1,3-Dichloropropane	11.165	76	54553	18.719	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	108411	115.327	ug/l	97
59) 2-Hexanone	11.194	43	177226	108.458	ug/l	97
60) Dibromochloromethane	11.359	129	37255	19.632	ug/l	100
61) 1,2-Dibromoethane	11.470	107	31546	18.654	ug/l	100
64) Tetrachloroethene	11.106	164	26596	17.622	ug/l	98
65) Chlorobenzene	11.888	112	87682	17.383	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	31565	18.051	ug/l	98
67) Ethyl Benzene	11.964	91	156579	17.475	ug/l	97
68) m/p-Xylenes	12.070	106	117789	35.408	ug/l	99
69) o-Xylene	12.394	106	58810	18.261	ug/l	97
70) Styrene	12.412	104	96116	18.186	ug/l	98
71) Bromoform	12.576	173	23702	20.115	ug/l #	100
73) Isopropylbenzene	12.694	105	149047	18.363	ug/l	98
74) N-amyl acetate	12.494	43	69661	20.116	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	46569	19.527	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	39580m	18.697	ug/l	
77) Bromobenzene	12.976	156	34843	17.834	ug/l	99
78) n-propylbenzene	13.035	91	174360	18.463	ug/l	98
79) 2-Chlorotoluene	13.123	91	111645	18.537	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	124555	18.201	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	14805	18.317	ug/l	85
82) 4-Chlorotoluene	13.217	91	109731	18.155	ug/l	100
83) tert-Butylbenzene	13.435	119	107499	17.955	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	124708	18.142	ug/l	99
85) sec-Butylbenzene	13.617	105	141860	17.866	ug/l	100
86) p-Isopropyltoluene	13.729	119	119704	17.984	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	62780	17.026	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	63342	16.965	ug/l	99
89) n-Butylbenzene	14.053	91	100641	16.841	ug/l	98
90) Hexachloroethane	14.335	117	23436	17.516	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	62927	17.683	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9684	20.370	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	29339	15.364	ug/l	97
94) Hexachlorobutadiene	15.500	225	12922	15.934	ug/l	97
95) Naphthalene	15.635	128	98996	17.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	30306	16.606	ug/l	97

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

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

