

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084819.D
 Acq On : 13 Nov 2024 11:37
 Operator : JC\MD
 Sample : VN1113MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113MBS01

Quant Time: Nov 14 00:31:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/14/2024
 Supervised By : Mahesh Dadoda 11/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	158313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	258903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119121	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	106966	46.780	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.560%
35) Dibromofluoromethane	8.159	113	86146	49.157	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.320%
50) Toluene-d8	10.565	98	311047	48.183	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.847	95	122561	50.800	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.600%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	35887	19.719	ug/l 97
3) Chloromethane	2.359	50	39354	16.753	ug/l 96
4) Vinyl Chloride	2.512	62	42709	21.819	ug/l 93
5) Bromomethane	2.901	94	21930	21.145	ug/l 99
6) Chloroethane	3.077	64	28158	22.471	ug/l 100
7) Trichlorofluoromethane	3.477	101	65503	20.314	ug/l 100
8) Diethyl Ether	3.959	74	20426	17.958	ug/l 99
9) 1,1,2-Trichlorotrifluo...	4.365	101	37198	20.416	ug/l 96
10) Methyl Iodide	4.583	142	49325	20.256	ug/l 96
11) Tert butyl alcohol	5.530	59	28297	93.754	ug/l 96
12) 1,1-Dichloroethene	4.324	96	34026	18.873	ug/l 97
13) Acrolein	4.177	56	25214	83.776	ug/l 95
14) Allyl chloride	5.012	41	53113	18.166	ug/l 92
15) Acrylonitrile	5.712	53	82322	94.216	ug/l 99
16) Acetone	4.424	43	66190	98.482	ug/l 98
17) Carbon Disulfide	4.700	76	97297	17.525	ug/l 99
18) Methyl Acetate	5.012	43	43340	15.183	ug/l 99
19) Methyl tert-butyl Ether	5.789	73	109907	19.890	ug/l 98
20) Methylene Chloride	5.271	84	39155	19.470	ug/l 84
21) trans-1,2-Dichloroethene	5.783	96	35162	18.994	ug/l 98
22) Diisopropyl ether	6.665	45	109648	18.874	ug/l 97
23) Vinyl Acetate	6.594	43	378398	94.449	ug/l 96
24) 1,1-Dichloroethane	6.565	63	68554	19.655	ug/l 97
25) 2-Butanone	7.483	43	100910	94.595	ug/l 96
26) 2,2-Dichloropropane	7.488	77	59627	19.641	ug/l 100
27) cis-1,2-Dichloroethene	7.477	96	42069	19.462	ug/l 97
28) Bromochloromethane	7.812	49	30522	21.964	ug/l 91
29) Tetrahydrofuran	7.835	42	66910	94.545	ug/l 95
30) Chloroform	7.959	83	72538	20.433	ug/l 98
31) Cyclohexane	8.253	56	59853	18.960	ug/l 91
32) 1,1,1-Trichloroethane	8.165	97	66912	20.708	ug/l 95
36) 1,1-Dichloropropene	8.365	75	48136	19.805	ug/l 99
37) Ethyl Acetate	7.553	43	42784	19.402	ug/l 97
38) Carbon Tetrachloride	8.359	117	59383	21.859	ug/l 99
39) Methylcyclohexane	9.594	83	53114	21.481	ug/l 94
40) Benzene	8.600	78	157554	20.185	ug/l 98

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41) Methacrylonitrile	7.771	41	23352	19.693	ug/l	94
42) 1,2-Dichloroethane	8.665	62	53127	21.017	ug/l	99
43) Isopropyl Acetate	8.682	43	78051	18.552	ug/l	99
44) Trichloroethene	9.347	130	36924	20.512	ug/l	100
45) 1,2-Dichloropropane	9.618	63	36602	19.990	ug/l	92
46) Dibromomethane	9.706	93	25879	20.030	ug/l	96
47) Bromodichloromethane	9.882	83	57038	20.943	ug/l	95
48) Methyl methacrylate	9.677	41	33773	19.679	ug/l	97
49) 1,4-Dioxane	9.688	88	11785	387.512	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	217685	103.554	ug/l	98
52) Toluene	10.629	92	96759	21.196	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	54819	19.446	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	59087	19.803	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	36324	21.124	ug/l	94
56) Ethyl methacrylate	10.871	69	50883	20.457	ug/l	95
57) 1,3-Dichloropropane	11.159	76	58205	19.723	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.153	63	108180	92.948	ug/l	96
59) 2-Hexanone	11.194	43	158292	103.451	ug/l	97
60) Dibromochloromethane	11.359	129	41349	21.099	ug/l	96
61) 1,2-Dibromoethane	11.471	107	35220	20.001	ug/l	99
64) Tetrachloroethene	11.100	164	33145	21.658	ug/l	96
65) Chlorobenzene	11.888	112	101155	19.652	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	37943	21.193	ug/l	96
67) Ethyl Benzene	11.959	91	171593	19.972	ug/l	99
68) m/p-Xylenes	12.070	106	131057	40.291	ug/l	100
69) o-Xylene	12.394	106	65431	21.503	ug/l	100
70) Styrene	12.412	104	109202	20.573	ug/l	98
71) Bromoform	12.576	173	28573	21.209	ug/l #	100
73) Isopropylbenzene	12.694	105	163370	19.571	ug/l	100
74) N-amyl acetate	12.494	43	62749	17.661	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	51501	18.483	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	40958m	17.201	ug/l	
77) Bromobenzene	12.976	156	40131	17.883	ug/l	94
78) n-propylbenzene	13.029	91	182989	18.707	ug/l	98
79) 2-Chlorotoluene	13.123	91	119325	18.669	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	146513	21.176	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16910	16.848	ug/l	96
82) 4-Chlorotoluene	13.217	91	119530	17.770	ug/l	100
83) tert-Butylbenzene	13.435	119	115105	20.102	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	145692	20.403	ug/l	97
85) sec-Butylbenzene	13.612	105	157813	19.511	ug/l	99
86) p-Isopropyltoluene	13.729	119	134215	20.233	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	76732	17.520	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	77232	18.518	ug/l	99
89) n-Butylbenzene	14.053	91	105746	17.042	ug/l	99
90) Hexachloroethane	14.329	117	25958	17.547	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	76679	18.220	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9078	16.082	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	34782	15.100	ug/l	97
94) Hexachlorobutadiene	15.494	225	17258	17.061	ug/l	99
95) Naphthalene	15.641	128	105563	15.311	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	34634	15.489	ug/l	96

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

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