

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085353.D
 Acq On : 30 Dec 2024 18:26
 Operator : JC\MD
 Sample : VN1230MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230MBS01

Quant Time: Dec 31 02:17:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/31/2024
 Supervised By : Mahesh Dadoda 12/31/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118963	52.901	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.800%			
35) Dibromofluoromethane	8.165	113	89621	50.396	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.800%			
50) Toluene-d8	10.565	98	331534	50.804	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.600%			
62) 4-Bromofluorobenzene	12.847	95	107961	49.814	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43498	20.399	ug/l	98
3) Chloromethane	2.359	50	44468	18.555	ug/l	98
4) Vinyl Chloride	2.512	62	44860	17.699	ug/l	95
5) Bromomethane	2.959	94	26784	16.158	ug/l	97
6) Chloroethane	3.118	64	29037	18.065	ug/l	89
7) Trichlorofluoromethane	3.500	101	61891	18.576	ug/l	99
8) Diethyl Ether	3.965	74	21242	19.255	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	34933	18.426	ug/l	98
10) Methyl Iodide	4.589	142	39618	18.058	ug/l	96
11) Tert butyl alcohol	5.524	59	27757	98.570	ug/l #	87
12) 1,1-Dichloroethene	4.342	96	32824	18.734	ug/l	94
13) Acrolein	4.183	56	53567	122.013	ug/l	99
14) Allyl chloride	5.018	41	48751	17.385	ug/l	96
15) Acrylonitrile	5.724	53	92851	104.764	ug/l	97
16) Acetone	4.424	43	77360	104.616	ug/l	95
17) Carbon Disulfide	4.712	76	92340	17.324	ug/l	99
18) Methyl Acetate	5.030	43	49140	21.706	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	104858	18.413	ug/l	96
20) Methylene Chloride	5.277	84	38809	19.512	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	34375	18.781	ug/l	83
22) Diisopropyl ether	6.671	45	122725	20.309	ug/l	98
23) Vinyl Acetate	6.606	43	440017	100.657	ug/l	99
24) 1,1-Dichloroethane	6.571	63	71191	19.558	ug/l	100
25) 2-Butanone	7.482	43	121446	105.863	ug/l	95
26) 2,2-Dichloropropane	7.488	77	54158	16.982	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	40426	18.819	ug/l	97
28) Bromochloromethane	7.812	49	36323	21.473	ug/l #	99
29) Tetrahydrofuran	7.835	42	81707	110.569	ug/l	96
30) Chloroform	7.965	83	72806	19.551	ug/l	99
31) Cyclohexane	8.253	56	58323	17.547	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	62283	18.727	ug/l	97
36) 1,1-Dichloropropene	8.371	75	47097	18.088	ug/l	96
37) Ethyl Acetate	7.559	43	52829	20.413	ug/l	99
38) Carbon Tetrachloride	8.359	117	54384	19.162	ug/l	95
39) Methylcyclohexane	9.600	83	45952	17.010	ug/l	96
40) Benzene	8.606	78	155501	19.753	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	27426	20.692	ug/l	97
42) 1,2-Dichloroethane	8.671	62	56593	20.051	ug/l	99
43) Isopropyl Acetate	8.688	43	86193	20.226	ug/l	98
44) Trichloroethene	9.353	130	34689	18.612	ug/l	98
45) 1,2-Dichloropropane	9.618	63	39047	19.539	ug/l	99
46) Dibromomethane	9.706	93	27474	19.767	ug/l	99
47) Bromodichloromethane	9.888	83	57182	19.795	ug/l	98
48) Methyl methacrylate	9.682	41	38630	20.891	ug/l	97
49) 1,4-Dioxane	9.694	88	12486	447.545	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	264213	110.329	ug/l	98
52) Toluene	10.629	92	94058	20.066	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	52068	18.328	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	58241	18.959	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	35713	20.180	ug/l	96
56) Ethyl methacrylate	10.871	69	52099	20.213	ug/l	96
57) 1,3-Dichloropropane	11.165	76	62874	20.242	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	103358	82.883	ug/l	97
59) 2-Hexanone	11.194	43	183989	110.736	ug/l	98
60) Dibromochloromethane	11.359	129	40751	20.444	ug/l	99
61) 1,2-Dibromoethane	11.465	107	35164	20.083	ug/l	98
64) Tetrachloroethene	11.100	164	29702	18.826	ug/l	94
65) Chlorobenzene	11.888	112	99514	18.494	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	35478	19.646	ug/l	99
67) Ethyl Benzene	11.965	91	163432	18.264	ug/l	98
68) m/p-Xylenes	12.070	106	126796	38.719	ug/l	99
69) o-Xylene	12.400	106	59452	18.767	ug/l	98
70) Styrene	12.406	104	100206	19.517	ug/l	99
71) Bromoform	12.576	173	26066	20.839	ug/l #	98
73) Isopropylbenzene	12.694	105	150169	18.722	ug/l	99
74) N-amyl acetate	12.494	43	70494	20.533	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	52062	20.380	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	43332m	20.804	ug/l	
77) Bromobenzene	12.976	156	35952	18.092	ug/l	95
78) n-propylbenzene	13.035	91	180489	19.305	ug/l	99
79) 2-Chlorotoluene	13.123	91	113705	19.324	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	126244	19.459	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16477	18.945	ug/l	86
82) 4-Chlorotoluene	13.223	91	111549	18.823	ug/l	98
83) tert-Butylbenzene	13.435	119	104535	18.601	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	125036	19.355	ug/l	100
85) sec-Butylbenzene	13.617	105	144791	18.561	ug/l	100
86) p-Isopropyltoluene	13.729	119	116137	17.433	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	66647	18.500	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	66551	17.985	ug/l	98
89) n-Butylbenzene	14.053	91	94303	16.508	ug/l	97
90) Hexachloroethane	14.335	117	24948	19.511	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	63864	18.610	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8645	19.015	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	27481	16.045	ug/l	99
94) Hexachlorobutadiene	15.500	225	13389	15.734	ug/l	98
95) Naphthalene	15.641	128	82353	14.180	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	27348	15.981	ug/l	100

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

