

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083180.D
 Acq On : 09 Aug 2024 14:22
 Operator : JC\MD
 Sample : VN0809MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2024
 Supervised By : Mahesh Dadoda 08/12/2024

Quant Time: Aug 10 00:57:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	173514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135945	55.043	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.080%			
35) Dibromofluoromethane	8.165	113	98535	52.022	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.040%			
50) Toluene-d8	10.565	98	364117	51.535	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.080%			
62) 4-Bromofluorobenzene	12.847	95	138992	50.460	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34265	17.414	ug/l	97
3) Chloromethane	2.365	50	33270	16.515	ug/l	97
4) Vinyl Chloride	2.512	62	35254	17.151	ug/l	97
5) Bromomethane	2.954	94	20980	16.449	ug/l	85
6) Chloroethane	3.118	64	21498	16.717	ug/l	92
7) Trichlorofluoromethane	3.495	101	61301	18.052	ug/l	95
8) Diethyl Ether	3.965	74	23449	18.557	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	33024	17.639	ug/l	98
10) Methyl Iodide	4.589	142	41602	16.893	ug/l #	97
11) Tert butyl alcohol	5.524	59	46451	90.501	ug/l	99
12) 1,1-Dichloroethene	4.336	96	31613	16.436	ug/l	94
13) Acrolein	4.183	56	29268	87.493	ug/l	99
14) Allyl chloride	5.024	41	55725	15.331	ug/l	93
15) Acrylonitrile	5.724	53	96490	91.407	ug/l	97
16) Acetone	4.430	43	82682	85.555	ug/l	99
17) Carbon Disulfide	4.706	76	85117	15.124	ug/l	98
18) Methyl Acetate	5.024	43	53018	18.413	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	124001	17.861	ug/l	96
20) Methylene Chloride	5.283	84	36279	16.311	ug/l #	86
21) trans-1,2-Dichloroethene	5.783	96	33258	16.730	ug/l	95
22) Diisopropyl ether	6.677	45	120832	17.685	ug/l	95
23) Vinyl Acetate	6.606	43	626278	89.428	ug/l	98
24) 1,1-Dichloroethane	6.571	63	67439	18.109	ug/l	98
25) 2-Butanone	7.488	43	132522	89.306	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	58714	16.977	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	41438	17.274	ug/l	92
28) Bromochloromethane	7.818	49	30374	19.957	ug/l	89
29) Tetrahydrofuran	7.841	42	90935	94.799	ug/l	90
30) Chloroform	7.971	83	70148	18.130	ug/l	98
31) Cyclohexane	8.259	56	61874	16.905	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	66136	18.059	ug/l	95
36) 1,1-Dichloropropene	8.371	75	47858	16.703	ug/l	97
37) Ethyl Acetate	7.565	43	55098	17.175	ug/l #	93
38) Carbon Tetrachloride	8.365	117	57682	17.874	ug/l	98
39) Methylcyclohexane	9.600	83	57523	16.345	ug/l	96
40) Benzene	8.606	78	147934	17.331	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30632	16.793	ug/l	94
42) 1,2-Dichloroethane	8.671	62	57105	18.366	ug/l	99
43) Isopropyl Acetate	8.694	43	101221	16.735	ug/l	96
44) Trichloroethene	9.353	130	36019	17.729	ug/l	97
45) 1,2-Dichloropropane	9.624	63	36273	17.903	ug/l	99
46) Dibromomethane	9.712	93	26713	18.420	ug/l	98
47) Bromodichloromethane	9.888	83	57892	17.778	ug/l	95
48) Methyl methacrylate	9.682	41	45981	17.336	ug/l	92
49) 1,4-Dioxane	9.700	88	18056	377.345	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	283981	93.608	ug/l	93
52) Toluene	10.629	92	92554	17.161	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	58726	17.557	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	61272	17.222	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	34178	17.684	ug/l	98
56) Ethyl methacrylate	10.877	69	65102	17.868	ug/l	87
57) 1,3-Dichloropropane	11.165	76	61384	17.819	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	143699	93.303	ug/l	96
59) 2-Hexanone	11.194	43	214634	91.451	ug/l	93
60) Dibromochloromethane	11.359	129	42036	17.989	ug/l	100
61) 1,2-Dibromoethane	11.471	107	35733	17.600	ug/l	99
64) Tetrachloroethene	11.106	164	29619	17.181	ug/l	93
65) Chlorobenzene	11.894	112	100198	17.418	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	35863	17.677	ug/l	100
67) Ethyl Benzene	11.965	91	181427	17.192	ug/l	98
68) m/p-Xylenes	12.071	106	136013	34.407	ug/l	96
69) o-Xylene	12.400	106	67426	17.294	ug/l	100
70) Styrene	12.412	104	112882	17.239	ug/l	98
71) Bromoform	12.582	173	27337	17.786	ug/l #	97
73) Isopropylbenzene	12.694	105	174545	17.732	ug/l	99
74) N-amyl acetate	12.494	43	84751	17.602	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	51134	18.366	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	48206m	18.663	ug/l	
77) Bromobenzene	12.982	156	39024	17.846	ug/l	96
78) n-propylbenzene	13.035	91	200388	17.679	ug/l	100
79) 2-Chlorotoluene	13.123	91	127884	17.796	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	148077	17.968	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	19723	16.610	ug/l	96
82) 4-Chlorotoluene	13.223	91	122890	17.049	ug/l	98
83) tert-Butylbenzene	13.441	119	128530	17.611	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	147849	17.802	ug/l	99
85) sec-Butylbenzene	13.618	105	174520	17.525	ug/l	98
86) p-Isopropyltoluene	13.729	119	144369	17.558	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	71265	17.320	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	71918	17.338	ug/l	97
89) n-Butylbenzene	14.059	91	123536	17.339	ug/l	99
90) Hexachloroethane	14.335	117	26915	16.943	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	69651	17.493	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12363	18.299	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	36054	16.163	ug/l	98
94) Hexachlorobutadiene	15.500	225	15913	16.041	ug/l	98
95) Naphthalene	15.641	128	135611	17.163	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36452	16.515	ug/l	98

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

