

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071024\
 Data File : VN082860.D
 Acq On : 10 Jul 2024 17:15
 Operator : JC\MD
 Sample : VN0710MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2024
 Supervised By : Mahesh Dadoda 07/11/2024

Quant Time: Jul 11 03:51:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	147473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	254010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	232255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	104735	50.663	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.320%
35) Dibromofluoromethane	8.165	113	79807	48.964	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	10.571	98	298676	49.613	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.847	95	103829	48.014	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.020%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	34440	18.038	ug/l	95
3) Chloromethane	2.359	50	31535	17.416	ug/l	93
4) Vinyl Chloride	2.512	62	33687	17.715	ug/l	96
5) Bromomethane	2.953	94	21991	16.039	ug/l	97
6) Chloroethane	3.118	64	22925	17.617	ug/l	100
7) Trichlorofluoromethane	3.495	101	49753	18.191	ug/l	98
8) Diethyl Ether	3.959	74	16877	18.030	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.365	101	27682	17.883	ug/l	98
10) Methyl Iodide	4.589	142	26802	16.888	ug/l	98
11) Tert butyl alcohol	5.530	59	30431	87.520	ug/l	98
12) 1,1-Dichloroethene	4.342	96	25945	17.234	ug/l	91
13) Acrolein	4.177	56	26645	106.142	ug/l	99
14) Allyl chloride	5.024	41	42946	18.296	ug/l	90
15) Acrylonitrile	5.724	53	71315	89.247	ug/l	99
16) Acetone	4.436	43	64378	88.452	ug/l	100
17) Carbon Disulfide	4.712	76	69446	15.437	ug/l	99
18) Methyl Acetate	5.030	43	34930	18.137	ug/l #	88
19) Methyl tert-butyl Ether	5.806	73	90892	17.503	ug/l	94
20) Methylene Chloride	5.283	84	30127	17.140	ug/l #	79
21) trans-1,2-Dichloroethene	5.783	96	27767	17.022	ug/l	83
22) Diisopropyl ether	6.677	45	89255	18.175	ug/l	97
23) Vinyl Acetate	6.606	43	346121	88.753	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	51699	17.356	ug/l	99
25) 2-Butanone	7.483	43	97906	89.087	ug/l #	90
26) 2,2-Dichloropropane	7.494	77	44970	16.237	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	32552	17.045	ug/l	90
28) Bromochloromethane	7.812	49	26979	21.112	ug/l #	82
29) Tetrahydrofuran	7.841	42	62004	89.618	ug/l #	83
30) Chloroform	7.971	83	56207	17.787	ug/l	100
31) Cyclohexane	8.259	56	43388	16.054	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	52155	17.776	ug/l	96
36) 1,1-Dichloropropene	8.377	75	37607	16.735	ug/l	96
37) Ethyl Acetate	7.565	43	42669	18.650	ug/l	95
38) Carbon Tetrachloride	8.365	117	46003	17.002	ug/l	99
39) Methylcyclohexane	9.600	83	37115	15.290	ug/l	97
40) Benzene	8.606	78	118253	17.107	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	20141	16.341	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	43739	17.576	ug/l	97
43) Isopropyl Acetate	8.688	43	73860	15.047	ug/l #	96
44) Trichloroethene	9.353	130	28521	16.105	ug/l	96
45) 1,2-Dichloropropane	9.624	63	28446	17.626	ug/l	96
46) Dibromomethane	9.712	93	21939	17.450	ug/l	98
47) Bromodichloromethane	9.888	83	45471	17.504	ug/l	95
48) Methyl methacrylate	9.682	41	31673	17.655	ug/l #	88
49) 1,4-Dioxane	9.694	88	13561	342.491	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	209634	92.424	ug/l	93
52) Toluene	10.635	92	76239	17.656	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	46185	17.258	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	47271	16.688	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	29726	18.721	ug/l	94
56) Ethyl methacrylate	10.876	69	45312	18.342	ug/l	87
57) 1,3-Dichloropropane	11.165	76	49915	17.759	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	139149	109.773	ug/l	95
59) 2-Hexanone	11.200	43	156557	92.838	ug/l	93
60) Dibromochloromethane	11.359	129	35258	17.434	ug/l	99
61) 1,2-Dibromoethane	11.471	107	30484	18.078	ug/l	99
64) Tetrachloroethene	11.106	164	28620	16.517	ug/l	98
65) Chlorobenzene	11.894	112	83791	16.836	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	29611	16.727	ug/l	95
67) Ethyl Benzene	11.965	91	144029	17.219	ug/l	99
68) m/p-Xylenes	12.071	106	108879	34.478	ug/l	95
69) o-Xylene	12.400	106	53613	17.718	ug/l	96
70) Styrene	12.412	104	86403	17.282	ug/l	99
71) Bromoform	12.576	173	24341	17.484	ug/l #	97
73) Isopropylbenzene	12.700	105	133478	17.571	ug/l	98
74) N-amyl acetate	12.494	43	57629	18.341	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	41012	18.027	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	38082m	21.129	ug/l	
77) Bromobenzene	12.982	156	33379	17.032	ug/l	93
78) n-propylbenzene	13.035	91	147187	16.852	ug/l	97
79) 2-Chlorotoluene	13.123	91	95589	17.177	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	107428	17.495	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	14959	16.323	ug/l #	85
82) 4-Chlorotoluene	13.223	91	92823	16.852	ug/l	98
83) tert-Butylbenzene	13.441	119	92956	17.076	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	111322	17.788	ug/l	99
85) sec-Butylbenzene	13.617	105	125252	17.027	ug/l	99
86) p-Isopropyltoluene	13.729	119	105046	17.115	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	59575	16.828	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	59624	16.285	ug/l	97
89) n-Butylbenzene	14.059	91	87430	16.627	ug/l	99
90) Hexachloroethane	14.335	117	19741	15.201	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	59084	17.189	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8928	16.963	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	30408	16.423	ug/l	98
94) Hexachlorobutadiene	15.506	225	12379	15.082	ug/l	97
95) Naphthalene	15.641	128	115502	18.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	31164	16.370	ug/l	98

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

