

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083179.D
 Acq On : 09 Aug 2024 13:58
 Operator : JC\MD
 Sample : VN0809MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 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 00:56:20 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	179116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	140242	55.007	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	110.020%	
35) Dibromofluoromethane	8.171	113	99353	51.712	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	103.420%	
50) Toluene-d8	10.571	98	370433	51.687	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	103.380%	
62) 4-Bromofluorobenzene	12.847	95	145136	51.944	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	=	103.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	35808	17.629	ug/l	97
3) Chloromethane	2.359	50	33920	16.311	ug/l	96
4) Vinyl Chloride	2.512	62	36349	17.130	ug/l	98
5) Bromomethane	2.954	94	21864	16.606	ug/l	96
6) Chloroethane	3.118	64	22545	16.982	ug/l	97
7) Trichlorofluoromethane	3.495	101	63418	18.092	ug/l	97
8) Diethyl Ether	3.965	74	22331	17.120	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	34088	17.638	ug/l	99
10) Methyl Iodide	4.589	142	40980	16.120	ug/l	97
11) Tert butyl alcohol	5.524	59	45402	85.691	ug/l	99
12) 1,1-Dichloroethene	4.336	96	33445	16.844	ug/l	90
13) Acrolein	4.177	56	33005	95.579	ug/l	95
14) Allyl chloride	5.024	41	56826	15.145	ug/l	97
15) Acrylonitrile	5.718	53	94989	87.171	ug/l	99
16) Acetone	4.430	43	85477	85.681	ug/l	96
17) Carbon Disulfide	4.712	76	88190	15.180	ug/l #	95
18) Methyl Acetate	5.030	43	53045	17.846	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	127054	17.728	ug/l	97
20) Methylene Chloride	5.277	84	36348	15.831	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	34164	16.648	ug/l	85
22) Diisopropyl ether	6.671	45	124770	17.690	ug/l #	93
23) Vinyl Acetate	6.606	43	626004m	86.593	ug/l	
24) 1,1-Dichloroethane	6.571	63	68961	17.938	ug/l	96
25) 2-Butanone	7.483	43	133253	86.991	ug/l	92
26) 2,2-Dichloropropane	7.494	77	60825	17.037	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	41786	16.874	ug/l	93
28) Bromochloromethane	7.812	49	31361	19.961	ug/l	85
29) Tetrahydrofuran	7.847	42	87804	88.672	ug/l #	88
30) Chloroform	7.965	83	72011	18.030	ug/l	98
31) Cyclohexane	8.259	56	63677	16.854	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	67677	17.901	ug/l	92
36) 1,1-Dichloropropene	8.371	75	49630	17.076	ug/l	98
37) Ethyl Acetate	7.565	43	55038	16.913	ug/l #	93
38) Carbon Tetrachloride	8.365	117	57545	17.579	ug/l	94
39) Methylcyclohexane	9.600	83	60027	16.815	ug/l	95
40) Benzene	8.612	78	150634	17.398	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29915	16.168	ug/l	93
42) 1,2-Dichloroethane	8.671	62	58705	18.613	ug/l	100
43) Isopropyl Acetate	8.688	43	99134	16.095	ug/l #	96
44) Trichloroethene	9.353	130	36828	17.870	ug/l	92
45) 1,2-Dichloropropane	9.624	63	36586	17.802	ug/l	97
46) Dibromomethane	9.706	93	26688	18.142	ug/l	99
47) Bromodichloromethane	9.888	83	57895	17.528	ug/l	99
48) Methyl methacrylate	9.683	41	46017	17.104	ug/l	92
49) 1,4-Dioxane	9.694	88	17947	369.758	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	282856	91.918	ug/l	95
52) Toluene	10.630	92	95442	17.446	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	59673	17.588	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	61880	17.147	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	35205	17.957	ug/l	98
56) Ethyl methacrylate	10.877	69	64870	17.552	ug/l	89
57) 1,3-Dichloropropane	11.165	76	63028	18.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	144509	92.501	ug/l	97
59) 2-Hexanone	11.200	43	211967	89.036	ug/l	92
60) Dibromochloromethane	11.365	129	41609	17.554	ug/l	99
61) 1,2-Dibromoethane	11.471	107	36263	17.608	ug/l	99
64) Tetrachloroethene	11.106	164	30594	17.311	ug/l	95
65) Chlorobenzene	11.894	112	101782	17.260	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	37419	17.992	ug/l	97
67) Ethyl Benzene	11.965	91	185340	17.133	ug/l	99
68) m/p-Xylenes	12.071	106	139367	34.392	ug/l	96
69) o-Xylene	12.400	106	69471	17.382	ug/l	100
70) Styrene	12.412	104	116259	17.320	ug/l	97
71) Bromoform	12.576	173	27513	17.462	ug/l #	98
73) Isopropylbenzene	12.694	105	179084	17.319	ug/l	99
74) N-amyl acetate	12.494	43	85039	16.813	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	51205	17.508	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	48889m	18.018	ug/l	
77) Bromobenzene	12.982	156	39985	17.407	ug/l	96
78) n-propylbenzene	13.035	91	206404	17.335	ug/l	100
79) 2-Chlorotoluene	13.129	91	132205	17.513	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	151852	17.541	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	19187	15.382	ug/l	97
82) 4-Chlorotoluene	13.223	91	130238	17.200	ug/l	97
83) tert-Butylbenzene	13.441	119	132672	17.305	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	150099	17.204	ug/l	99
85) sec-Butylbenzene	13.618	105	176578	16.879	ug/l	99
86) p-Isopropyltoluene	13.729	119	147526	17.079	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	71479	16.537	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	70643	16.212	ug/l	98
89) n-Butylbenzene	14.059	91	124683	16.659	ug/l	99
90) Hexachloroethane	14.335	117	28222	16.912	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	69013	16.500	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12160	17.134	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	37013	15.796	ug/l	98
94) Hexachlorobutadiene	15.500	225	15490	14.864	ug/l	99
95) Naphthalene	15.641	128	132216	15.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37133	16.015	ug/l	98

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

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