

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081355.D
 Acq On : 11 Mar 2024 11:42
 Operator : JC\MD
 Sample : VN0311MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2024
 Supervised By : Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 04:49:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	303245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	549588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	484345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	232306	52.982	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.960%			
35) Dibromofluoromethane	8.165	113	178650	53.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.120%			
50) Toluene-d8	10.565	98	650666	51.693	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.380%			
62) 4-Bromofluorobenzene	12.847	95	228241	51.304	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	86708	21.570	ug/l	95
3) Chloromethane	2.359	50	81660	18.806	ug/l	98
4) Vinyl Chloride	2.518	62	84851	18.732	ug/l	98
5) Bromomethane	2.959	94	55539	18.358	ug/l	95
6) Chloroethane	3.124	64	56773	18.248	ug/l	95
7) Trichlorofluoromethane	3.501	101	135646	20.242	ug/l	99
8) Diethyl Ether	3.965	74	45728	19.369	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	73029	19.138	ug/l	92
10) Methyl Iodide	4.589	142	67730	19.395	ug/l	95
11) Tert butyl alcohol	5.518	59	74169	96.741	ug/l	100
12) 1,1-Dichloroethene	4.342	96	67464	19.090	ug/l	88
13) Acrolein	4.171	56	80995	89.217	ug/l	97
14) Allyl chloride	5.024	41	100350	19.134	ug/l	90
15) Acrylonitrile	5.718	53	197408	98.561	ug/l	98
16) Acetone	4.436	43	145850	93.886	ug/l	93
17) Carbon Disulfide	4.712	76	185872	18.428	ug/l	96
18) Methyl Acetate	5.024	43	99850	22.450	ug/l #	91
19) Methyl tert-butyl Ether	5.800	73	235293	19.631	ug/l	91
20) Methylene Chloride	5.277	84	77791	19.782	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	71912	18.049	ug/l	95
22) Diisopropyl ether	6.671	45	240619	20.656	ug/l #	95
23) Vinyl Acetate	6.600	43	929351	98.206	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	141810	19.887	ug/l #	91
25) 2-Butanone	7.483	43	258681	99.432	ug/l	100
26) 2,2-Dichloropropane	7.489	77	123848	19.651	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	87623	19.398	ug/l	88
28) Bromochloromethane	7.818	49	54407	17.832	ug/l #	69
29) Tetrahydrofuran	7.841	42	169344	95.457	ug/l #	89
30) Chloroform	7.971	83	149469	20.199	ug/l	99
31) Cyclohexane	8.259	56	124584	18.768	ug/l #	85
32) 1,1,1-Trichloroethane	8.171	97	134864	20.619	ug/l	90
36) 1,1-Dichloropropene	8.371	75	107036	19.704	ug/l	98
37) Ethyl Acetate	7.559	43	101299	19.076	ug/l #	95
38) Carbon Tetrachloride	8.365	117	115277	21.085	ug/l	94
39) Methylcyclohexane	9.600	83	119260	19.076	ug/l	87
40) Benzene	8.606	78	318598	19.649	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	54006	18.009	ug/l	93
42) 1,2-Dichloroethane	8.671	62	116286	20.340	ug/l	97
43) Isopropyl Acetate	8.688	43	177767	19.126	ug/l	97
44) Trichloroethene	9.353	130	81949	20.039	ug/l	99
45) 1,2-Dichloropropane	9.624	63	81492	20.007	ug/l	98
46) Dibromomethane	9.712	93	58360	20.327	ug/l	95
47) Bromodichloromethane	9.888	83	114504	20.544	ug/l #	92
48) Methyl methacrylate	9.682	41	80901	19.692	ug/l	91
49) 1,4-Dioxane	9.700	88	35520	392.262	ug/l #	68
51) 4-Methyl-2-Pentanone	10.447	43	545991	101.170	ug/l	97
52) Toluene	10.630	92	196760	20.088	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	117957	19.560	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	130707	20.077	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	78708	20.264	ug/l	99
56) Ethyl methacrylate	10.877	69	111798	20.045	ug/l	89
57) 1,3-Dichloropropane	11.165	76	136122	20.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	277310	92.431	ug/l #	89
59) 2-Hexanone	11.194	43	404426	100.241	ug/l	99
60) Dibromochloromethane	11.359	129	80985	20.245	ug/l	100
61) 1,2-Dibromoethane	11.471	107	78409	19.455	ug/l	95
64) Tetrachloroethene	11.106	164	75523	19.914	ug/l	93
65) Chlorobenzene	11.894	112	206904	20.272	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	75932	20.331	ug/l	98
67) Ethyl Benzene	11.965	91	368122	20.023	ug/l	98
68) m/p-Xylenes	12.071	106	276539	39.967	ug/l	99
69) o-Xylene	12.400	106	136197	20.311	ug/l	96
70) Styrene	12.412	104	219757	20.680	ug/l	98
71) Bromoform	12.582	173	52916	20.408	ug/l #	99
73) Isopropylbenzene	12.694	105	350890	19.218	ug/l	99
74) N-amyl acetate	12.494	43	142843	18.645	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	108661	19.284	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	100140m	18.750	ug/l	
77) Bromobenzene	12.982	156	79658	18.401	ug/l	79
78) n-propylbenzene	13.035	91	428606	19.847	ug/l	96
79) 2-Chlorotoluene	13.123	91	251943	19.086	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	303912	20.136	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	35289	18.440	ug/l #	77
82) 4-Chlorotoluene	13.223	91	252312	19.351	ug/l	95
83) tert-Butylbenzene	13.441	119	257474	19.898	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	307639	20.118	ug/l	98
85) sec-Butylbenzene	13.618	105	369836	19.757	ug/l	95
86) p-Isopropyltoluene	13.729	119	298887	19.909	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	155522	19.026	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	156083	19.104	ug/l	97
89) n-Butylbenzene	14.059	91	266998	19.394	ug/l	95
90) Hexachloroethane	14.335	117	50851	19.347	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	152466	19.440	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24039	19.936	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	79124	18.874	ug/l	95
94) Hexachlorobutadiene	15.500	225	35250	20.349	ug/l	90
95) Naphthalene	15.641	128	291551	19.545	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	82972	19.517	ug/l	97

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

