

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070468.D
 Acq On : 4 Jan 2022 17:08
 Operator : JC/MD
 Sample : VN0104MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 03:18:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1041822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.966	114	1728731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1556362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	620267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	718290	47.952	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.900%		
35) Dibromofluoromethane	8.019	113	528764	50.553	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.100%		
50) Toluene-d8	10.441	98	2137564	50.026	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.060%		
62) 4-Bromofluorobenzene	12.728	95	733649	47.538	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	208221	17.624	ug/l	100
3) Chloromethane	2.303	50	295296	18.374	ug/l	98
4) Vinyl Chloride	2.448	62	267284	18.266	ug/l	98
5) Bromomethane	2.859	94	152569	20.201	ug/l	98
6) Chloroethane	3.022	64	160896	18.259	ug/l	99
7) Trichlorofluoromethane	3.379	101	310475	17.628	ug/l	98
8) Diethyl Ether	3.824	74	149951	19.313	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	201622	18.717	ug/l	95
10) Methyl Iodide	4.420	142	265695	18.225	ug/l	97
11) Tert butyl alcohol	5.372	59	214330	85.933	ug/l	98
12) 1,1-Dichloroethene	4.181	96	189420	17.852	ug/l	90
13) Acrolein	4.041	56	119221	58.912	ug/l	99
14) Allyl chloride	4.841	41	448433	18.641	ug/l	87
15) Acrylonitrile	5.554	53	780393	100.268	ug/l	99
16) Acetone	4.285	43	797575	82.022	ug/l	99
17) Carbon Disulfide	4.530	76	463185	15.992	ug/l	98
18) Methyl Acetate	4.854	43	540842	19.228	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	756365	19.195	ug/l	95
20) Methylene Chloride	5.093	84	248515	18.472	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	207852	18.501	ug/l	86
22) Diisopropyl ether	6.495	45	944919	20.167	ug/l #	92
23) Vinyl Acetate	6.434	43	3512228	96.611	ug/l #	94
24) 1,1-Dichloroethane	6.383	63	462482	19.036	ug/l	98
25) 2-Butanone	7.335	43	1148455	93.800	ug/l	92
26) 2,2-Dichloropropane	7.324	77	324469	16.929	ug/l	98
27) cis-1,2-Dichloroethene	7.321	96	255305	19.045	ug/l	87
28) Bromochloromethane	7.657	49	229711	19.333	ug/l #	77
29) Tetrahydrofuran	7.684	42	739227	101.195	ug/l #	86
30) Chloroform	7.818	83	439337	18.744	ug/l	99
31) Cyclohexane	8.091	56	452869	19.159	ug/l	90
32) 1,1,1-Trichloroethane	8.011	97	354222	17.924	ug/l	97
36) 1,1-Dichloropropene	8.220	75	324747	18.768	ug/l	96
37) Ethyl Acetate	7.410	43	435054	19.397	ug/l	96
38) Carbon Tetrachloride	8.207	117	281454	17.035	ug/l	99
39) Methylcyclohexane	9.459	83	386130	18.433	ug/l	89
40) Benzene	8.459	78	1027466	19.369	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	241707	21.546	ug/l #	83
42) 1,2-Dichloroethane	8.528	62	365871	18.349	ug/l	99
43) Isopropyl Acetate	8.558	43	673031	19.033	ug/l #	95
44) Trichloroethene	9.212	130	231325	18.352	ug/l	92
45) 1,2-Dichloropropane	9.488	63	280749	19.656	ug/l	100
46) Dibromomethane	9.577	93	165244	18.606	ug/l	94
47) Bromodichloromethane	9.759	83	317002	17.976	ug/l	99
48) Methyl methacrylate	9.558	41	329741	19.550	ug/l #	79
49) 1,4-Dioxane	9.566	88	93926	380.419	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	2205463	99.258	ug/l	96
52) Toluene	10.502	92	619388	19.290	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	333531	17.470	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	383237	18.557	ug/l	96
55) 1,1,2-Trichloroethane	10.897	97	244709	19.262	ug/l	97
56) Ethyl methacrylate	10.760	69	391413	18.646	ug/l #	89
57) 1,3-Dichloropropane	11.041	76	441111	19.631	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	338007	76.883	ug/l	90
59) 2-Hexanone	11.084	43	1522380	93.953	ug/l	95
60) Dibromochloromethane	11.237	129	219347	17.696	ug/l	100
61) 1,2-Dibromoethane	11.344	107	237995	18.450	ug/l	98
64) Tetrachloroethene	10.974	164	204285	18.126	ug/l	95
65) Chlorobenzene	11.768	112	634260	19.207	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	213032	18.070	ug/l	98
67) Ethyl Benzene	11.843	91	1167727	19.300	ug/l	97
68) m/p-Xylenes	11.951	106	863454	39.205	ug/l	93
69) o-Xylene	12.278	106	423730	19.343	ug/l	91
70) Styrene	12.294	104	675292	19.477	ug/l	97
71) Bromoform	12.455	173	151147	17.275	ug/l #	99
73) Isopropylbenzene	12.575	105	1106468	19.209	ug/l	99
74) N-amyl acetate	12.388	43	429404	17.730	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	374903	18.865	ug/l	99
76) 1,2,3-Trichloropropane	12.879	75	316909m	19.048	ug/l	
77) Bromobenzene	12.860	156	251560	19.023	ug/l	77
78) n-propylbenzene	12.919	91	1227445	19.233	ug/l	97
79) 2-Chlorotoluene	13.005	91	785413	19.180	ug/l	93
80) 1,3,5-Trimethylbenzene	13.056	105	897544	19.445	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	82760	16.302	ug/l	90
82) 4-Chlorotoluene	13.104	91	729057	19.007	ug/l	92
83) tert-Butylbenzene	13.321	119	792490	19.498	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	867560	19.519	ug/l	99
85) sec-Butylbenzene	13.501	105	1063544	19.274	ug/l	97
86) p-Isopropyltoluene	13.613	119	831323	19.178	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	414740	18.735	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	399281	18.284	ug/l	96
89) n-Butylbenzene	13.941	91	624634	17.276	ug/l	97
90) Hexachloroethane	14.209	117	130148	17.283	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	406254	18.719	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	54433	16.313	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	167831	16.413	ug/l	97
94) Hexachlorobutadiene	15.367	225	113542	19.105	ug/l	99
95) Naphthalene	15.504	128	406216	15.654	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	159157	16.829	ug/l	97

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

