

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010224\
 Data File : VN080620.D
 Acq On : 02 Jan 2024 13:11
 Operator : JC\MD
 Sample : VN0102MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/03/2024
 Supervised By : Mahesh Dadoda 01/04/2024

Quant Time: Jan 03 01:43:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	382861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	620594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	538792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	241463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	238641	48.593	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.180%		
35) Dibromofluoromethane	8.165	113	198301	49.406	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	10.565	98	756388	53.974	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.940%		
62) 4-Bromofluorobenzene	12.853	95	251939	53.418	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	76028	17.876	ug/l	96
3) Chloromethane	2.359	50	107565	21.194	ug/l	99
4) Vinyl Chloride	2.518	62	92791	19.606	ug/l	99
5) Bromomethane	2.959	94	40778	22.673	ug/l	87
6) Chloroethane	3.124	64	61287	20.741	ug/l	95
7) Trichlorofluoromethane	3.501	101	120945	17.897	ug/l	100
8) Diethyl Ether	3.953	74	42027	18.109	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	68734	18.632	ug/l	97
10) Methyl Iodide	4.595	142	48454	19.011	ug/l	98
11) Tert butyl alcohol	5.512	59	51647	78.170	ug/l	99
12) 1,1-Dichloroethene	4.342	96	66812	18.882	ug/l	97
13) Acrolein	4.177	56	58911	78.862	ug/l	97
14) Allyl chloride	5.018	41	98386	18.315	ug/l	86
15) Acrylonitrile	5.718	53	162898	86.446	ug/l	98
16) Acetone	4.418	43	99710	74.690	ug/l	98
17) Carbon Disulfide	4.706	76	164840	17.324	ug/l	97
18) Methyl Acetate	5.012	43	128001	17.294	ug/l	91
19) Methyl tert-butyl Ether	5.789	73	231919	18.205	ug/l	96
20) Methylene Chloride	5.277	84	80737	18.954	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	75239	17.598	ug/l	89
22) Diisopropyl ether	6.671	45	219775	18.419	ug/l	92
23) Vinyl Acetate	6.600	43	528828	79.909	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	139905	17.493	ug/l	98
25) 2-Butanone	7.483	43	171726	68.824	ug/l	89
26) 2,2-Dichloropropane	7.489	77	124906	17.941	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	87561	17.219	ug/l	91
28) Bromochloromethane	7.812	49	61040	16.414	ug/l	93
29) Tetrahydrofuran	7.830	42	117526	72.224	ug/l	87
30) Chloroform	7.965	83	149131	18.573	ug/l	94
31) Cyclohexane	8.259	56	106034	15.958	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	131820	18.207	ug/l	99
36) 1,1-Dichloropropene	8.371	75	104376	16.897	ug/l	96
37) Ethyl Acetate	7.559	43	72634	15.583	ug/l	98
38) Carbon Tetrachloride	8.365	117	116645	18.458	ug/l	93
39) Methylcyclohexane	9.600	83	93901	18.533	ug/l	92
40) Benzene	8.606	78	321627	18.094	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	42649	14.838	ug/l	93
42) 1,2-Dichloroethane	8.671	62	108935	19.033	ug/l	100
43) Isopropyl Acetate	8.688	43	127789	16.915	ug/l	95
44) Trichloroethene	9.353	130	80987	17.564	ug/l	96
45) 1,2-Dichloropropane	9.624	63	81963	19.523	ug/l	97
46) Dibromomethane	9.706	93	54933	19.448	ug/l	91
47) Bromodichloromethane	9.888	83	115057	19.433	ug/l	100
48) Methyl methacrylate	9.682	41	72648	17.318	ug/l	88
49) 1,4-Dioxane	9.694	88	23732	353.951	ug/l #	84
51) 4-Methyl-2-Pentanone	10.441	43	383594	89.270	ug/l	98
52) Toluene	10.629	92	198693	20.230	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	121236	20.311	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	131761	19.724	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	78052	20.034	ug/l	98
56) Ethyl methacrylate	10.877	69	76356	20.009	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	132936	20.139	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	274934	102.021	ug/l	96
59) 2-Hexanone	11.194	43	272803	84.234	ug/l	100
60) Dibromochloromethane	11.359	129	86343	19.903	ug/l	99
61) 1,2-Dibromoethane	11.471	107	75079	19.113	ug/l	99
64) Tetrachloroethene	11.106	164	67307	18.695	ug/l	96
65) Chlorobenzene	11.894	112	204462	18.242	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	79939	18.541	ug/l	98
67) Ethyl Benzene	11.965	91	355255	18.959	ug/l	97
68) m/p-Xylenes	12.071	106	267755	38.510	ug/l	94
69) o-Xylene	12.400	106	129495	18.963	ug/l	92
70) Styrene	12.412	104	193415	19.477	ug/l	96
71) Bromoform	12.582	173	56038	18.374	ug/l #	99
73) Isopropylbenzene	12.694	105	324907	19.660	ug/l	99
74) N-amyl acetate	12.494	43	98323	16.864	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	100736	17.663	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	88872m	17.112	ug/l	
77) Bromobenzene	12.982	156	84206	19.184	ug/l	99
78) n-propylbenzene	13.035	91	368127	19.478	ug/l	99
79) 2-Chlorotoluene	13.123	91	238591	19.338	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	283848	20.340	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	30737	16.031	ug/l #	87
82) 4-Chlorotoluene	13.223	91	242986	19.257	ug/l	98
83) tert-Butylbenzene	13.441	119	225839	19.363	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	280339	19.840	ug/l	100
85) sec-Butylbenzene	13.618	105	292346	18.942	ug/l	100
86) p-Isopropyltoluene	13.729	119	256990	18.451	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	142902	18.064	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	143241	18.013	ug/l	95
89) n-Butylbenzene	14.059	91	212191	18.396	ug/l	99
90) Hexachloroethane	14.329	117	43300	17.972	ug/l	75
91) 1,2-Dichlorobenzene	14.106	146	141492	18.531	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18601	15.802	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	75472	18.735	ug/l	98
94) Hexachlorobutadiene	15.506	225	37412	17.996	ug/l	99
95) Naphthalene	15.641	128	217984	17.386	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	70063	17.204	ug/l	96

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

