

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071322\
 Data File : VN073447.D
 Acq On : 13 Jul 2022 14:11
 Operator : JC\MD
 Sample : VN0713MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0713MBS01

Manual Integrations
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Reviewed By :John
 Carlone

Quant Time: Jul 14 07:02:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	195461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	342176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	313342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	148279	50.000	ug/l	0.00

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 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	145783	51.665	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.340%	
35) Dibromofluoromethane	7.951	113	115042	50.534	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.060%	
50) Toluene-d8	10.375	98	386931	47.855	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.700%	
62) 4-Bromofluorobenzene	12.669	95	155366	50.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.000%	

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Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	53079	18.574	ug/l	95
3) Chloromethane	2.269	50	50914	18.352	ug/l	99
4) Vinyl Chloride	2.404	62	43606	18.498	ug/l	97
5) Bromomethane	2.804	94	22368	20.090	ug/l	95
6) Chloroethane	2.963	64	29605	21.350	ug/l	94
7) Trichlorofluoromethane	3.316	101	80500	19.753	ug/l	92
8) Diethyl Ether	3.763	74	35614	21.467	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.134	101	49356	20.496	ug/l	95
10) Methyl Iodide	4.346	142	44521	16.542	ug/l	96
11) Tert butyl alcohol	5.287	59	78151	114.333	ug/l	100
12) 1,1-Dichloroethene	4.110	96	44632	19.397	ug/l	97
13) Acrolein	3.981	56	23924	55.374	ug/l	95
14) Allyl chloride	4.757	41	100630	20.760	ug/l #	89
15) Acrylonitrile	5.469	53	214817	122.082	ug/l	97
16) Acetone	4.216	43	197522	124.709	ug/l	93
17) Carbon Disulfide	4.457	76	100175	16.790	ug/l	96
18) Methyl Acetate	4.781	43	115547	26.032	ug/l	92
19) Methyl tert-butyl Ether	5.528	73	187323	22.337	ug/l	97
20) Methylene Chloride	5.016	84	58513	21.021	ug/l	92
21) trans-1,2-Dichloroethene	5.516	96	46874	19.496	ug/l	94
22) Diisopropyl ether	6.416	45	211422	23.374	ug/l	93
23) Vinyl Acetate	6.345	43	905783	111.848	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	104889	22.408	ug/l	99
25) 2-Butanone	7.257	43	317694	125.985	ug/l	91
26) 2,2-Dichloropropane	7.245	77	80781	18.660	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	61942	21.275	ug/l	96
28) Bromochloromethane	7.581	49	47590	24.276	ug/l #	78
29) Tetrahydrofuran	7.610	42	216995	125.674	ug/l #	84
30) Chloroform	7.745	83	104282	22.120	ug/l	98
31) Cyclohexane	8.022	56	88423	19.134	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	86188	20.514	ug/l	99
36) 1,1-Dichloropropene	8.145	75	68422	19.533	ug/l	98
37) Ethyl Acetate	7.334	43	123724	23.376	ug/l #	94
38) Carbon Tetrachloride	8.128	117	69051	19.062	ug/l	93
39) Methylcyclohexane	9.392	83	81931	18.787	ug/l	94
40) Benzene	8.386	78	223810	20.703	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.569	41	63431	24.711	ug/l	#	83
42) 1,2-Dichloroethane	8.463	62	88125	22.488	ug/l		98
43) Isopropyl Acetate	8.492	43	176253	23.171	ug/l	#	92
44) Trichloroethene	9.145	130	52705	19.158	ug/l		85
45) 1,2-Dichloropropane	9.422	63	62470	22.672	ug/l		93
46) Dibromomethane	9.510	93	40965	21.896	ug/l		90
47) Bromodichloromethane	9.704	83	81964	22.620	ug/l		91
48) Methyl methacrylate	9.498	41	75533	21.446	ug/l		92
49) 1,4-Dioxane	9.504	88	32096	480.041	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.269	43	599831	124.347	ug/l		90
52) Toluene	10.445	92	136523	20.435	ug/l		99
53) t-1,3-Dichloropropene	10.657	75	84238	21.118	ug/l		97
54) cis-1,3-Dichloropropene	10.127	75	90745	21.071	ug/l	#	91
55) 1,1,2-Trichloroethane	10.839	97	59770	21.731	ug/l		97
56) Ethyl methacrylate	10.698	69	93762	21.091	ug/l	#	84
57) 1,3-Dichloropropane	10.986	76	103977	22.053	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.980	63	200431	101.093	ug/l		93
59) 2-Hexanone	11.022	43	452516	123.064	ug/l		88
60) Dibromochloromethane	11.174	129	58690	22.381	ug/l		99
61) 1,2-Dibromoethane	11.286	107	59346	21.602	ug/l		98
64) Tetrachloroethene	10.910	164	48507	18.958	ug/l		96
65) Chlorobenzene	11.710	112	142657	20.130	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.780	131	54302	20.833	ug/l		97
67) Ethyl Benzene	11.786	91	256075	19.904	ug/l		98
68) m/p-Xylenes	11.892	106	191756	39.493	ug/l		95
69) o-Xylene	12.221	106	96113	19.390	ug/l		95
70) Styrene	12.233	104	155865	20.367	ug/l		97
71) Bromoform	12.398	173	40903	21.445	ug/l	#	99
73) Isopropylbenzene	12.516	105	251856	19.669	ug/l		97
74) N-amyl acetate	12.327	43	126681	19.758	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	95687	22.520	ug/l		97
76) 1,2,3-Trichloropropane	12.821	75	80890m	20.863	ug/l		
77) Bromobenzene	12.798	156	58014	19.487	ug/l		84
78) n-propylbenzene	12.857	91	288404	20.275	ug/l		97
79) 2-Chlorotoluene	12.945	91	180123	20.007	ug/l		98
80) 1,3,5-Trimethylbenzene	12.998	105	210556	20.175	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.563	75	26940	19.055	ug/l		92
82) 4-Chlorotoluene	13.045	91	174637	20.036	ug/l		96
83) tert-Butylbenzene	13.263	119	181545	19.403	ug/l		95
84) 1,2,4-Trimethylbenzene	13.304	105	208085	19.970	ug/l		98
85) sec-Butylbenzene	13.439	105	257408	20.488	ug/l		98
86) p-Isopropyltoluene	13.551	119	203728	20.073	ug/l		97
87) 1,3-Dichlorobenzene	13.551	146	106331	19.909	ug/l		98
88) 1,4-Dichlorobenzene	13.633	146	105268	19.672	ug/l		97
89) n-Butylbenzene	13.880	91	163651	19.350	ug/l		97
90) Hexachloroethane	14.145	117	36359	19.223	ug/l		85
91) 1,2-Dichlorobenzene	13.921	146	109049	20.044	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	21138	20.468	ug/l		88
93) 1,2,4-Trichlorobenzene	15.192	180	53693	18.954	ug/l		99
94) Hexachlorobutadiene	15.304	225	25026	19.873	ug/l		97
95) Naphthalene	15.433	128	207910	18.193	ug/l		100
96) 1,2,3-Trichlorobenzene	15.627	180	57152	19.558	ug/l		98

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

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