

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062522\
 Data File : VN073102.D
 Acq On : 25 Jun 2022 11:49
 Operator : JC\MD
 Sample : VN0625MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 03:35:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	254921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	428099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	379016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	175627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	173421	50.318	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.640%			
35) Dibromofluoromethane	7.951	113	136372	51.538	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	10.374	98	500125	50.795	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.580%			
62) 4-Bromofluorobenzene	12.668	95	177726	50.198	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	47606	19.614	ug/l	96
3) Chloromethane	2.263	50	46074	18.027	ug/l	100
4) Vinyl Chloride	2.404	62	40896	18.788	ug/l	96
5) Bromomethane	2.804	94	20885	24.374	ug/l	90
6) Chloroethane	2.963	64	27216	19.986	ug/l	95
7) Trichlorofluoromethane	3.316	101	79240	22.355	ug/l	99
8) Diethyl Ether	3.763	74	33754	18.451	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.145	101	49944	20.384	ug/l	97
10) Methyl Iodide	4.345	142	40311	14.353	ug/l	95
11) Tert butyl alcohol	5.281	59	76750	86.210	ug/l	99
12) 1,1-Dichloroethene	4.122	96	45064	18.464	ug/l	97
13) Acrolein	3.981	56	14751	42.071	ug/l	97
14) Allyl chloride	4.763	41	98958	18.977	ug/l #	92
15) Acrylonitrile	5.469	53	199346	97.135	ug/l	99
16) Acetone	4.222	43	181541	95.825	ug/l	95
17) Carbon Disulfide	4.457	76	91081	14.565	ug/l	98
18) Methyl Acetate	4.775	43	100692	19.959	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	182609	19.922	ug/l	98
20) Methylene Chloride	5.010	84	55403	18.703	ug/l	90
21) trans-1,2-Dichloroethene	5.516	96	47779	17.997	ug/l	98
22) Diisopropyl ether	6.410	45	203720	20.957	ug/l	97
23) Vinyl Acetate	6.351	43	908733	101.267	ug/l	95
24) 1,1-Dichloroethane	6.304	63	103205	20.250	ug/l	97
25) 2-Butanone	7.257	43	297367	98.915	ug/l	91
26) 2,2-Dichloropropane	7.245	77	87164	20.259	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	59474	18.751	ug/l	92
28) Bromochloromethane	7.586	49	43242	20.516	ug/l	86
29) Tetrahydrofuran	7.610	42	196566	99.014	ug/l	87
30) Chloroform	7.745	83	103437	20.048	ug/l	98
31) Cyclohexane	8.022	56	88259	18.932	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	87488	19.323	ug/l	99
36) 1,1-Dichloropropene	8.151	75	68843	19.228	ug/l	98
37) Ethyl Acetate	7.333	43	115708	20.204	ug/l	97
38) Carbon Tetrachloride	8.133	117	73894	19.621	ug/l	95
39) Methylcyclohexane	9.392	83	82178	19.042	ug/l	95
40) Benzene	8.386	78	224196	19.924	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	56228	20.704	ug/l #	88
42) 1,2-Dichloroethane	8.463	62	83937	21.002	ug/l	100
43) Isopropyl Acetate	8.492	43	168825	20.623	ug/l	95
44) Trichloroethene	9.145	130	54689	19.179	ug/l	94
45) 1,2-Dichloropropane	9.427	63	60583	21.063	ug/l	95
46) Dibromomethane	9.510	93	40517	20.834	ug/l	90
47) Bromodichloromethane	9.698	83	80237	20.760	ug/l	97
48) Methyl methacrylate	9.492	41	75074	20.086	ug/l	90
49) 1,4-Dioxane	9.504	88	32159	382.401	ug/l #	93
51) 4-Methyl-2-Pentanone	10.263	43	562109	105.297	ug/l	91
52) Toluene	10.439	92	138030	19.980	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	84288	20.278	ug/l	94
54) cis-1,3-Dichloropropene	10.121	75	93153	20.517	ug/l #	89
55) 1,1,2-Trichloroethane	10.833	97	59791	19.711	ug/l	91
56) Ethyl methacrylate	10.698	69	98539	20.268	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	103450	20.557	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.974	63	225052	104.847	ug/l	96
59) 2-Hexanone	11.021	43	429869	104.112	ug/l	89
60) Dibromochloromethane	11.174	129	58422	20.379	ug/l	99
61) 1,2-Dibromoethane	11.280	107	59393	19.862	ug/l	100
64) Tetrachloroethene	10.910	164	45090	19.556	ug/l	93
65) Chlorobenzene	11.704	112	148332	20.039	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	56396	20.018	ug/l	98
67) Ethyl Benzene	11.780	91	267807	20.553	ug/l	96
68) m/p-Xylenes	11.892	106	205560	40.222	ug/l	98
69) o-Xylene	12.215	106	102847	20.139	ug/l	98
70) Styrene	12.227	104	163643	19.954	ug/l	99
71) Bromoform	12.398	173	43168	20.322	ug/l #	97
73) Isopropylbenzene	12.515	105	268124	19.734	ug/l	99
74) N-amyl acetate	12.327	43	136364	19.340	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	96105	19.641	ug/l	99
76) 1,2,3-Trichloropropane	12.815	75	75374m	17.701	ug/l	
77) Bromobenzene	12.792	156	61748	18.970	ug/l	89
78) n-propylbenzene	12.857	91	301518	20.175	ug/l	98
79) 2-Chlorotoluene	12.945	91	188539	19.482	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	220350	19.744	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	29337	18.607	ug/l	89
82) 4-Chlorotoluene	13.039	91	182230	19.902	ug/l	98
83) tert-Butylbenzene	13.257	119	198152	19.386	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	220510	19.837	ug/l	99
85) sec-Butylbenzene	13.433	105	276397	20.271	ug/l	98
86) p-Isopropyltoluene	13.551	119	218728	19.814	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	112303	19.325	ug/l	98
88) 1,4-Dichlorobenzene	13.627	146	114373	19.446	ug/l	98
89) n-Butylbenzene	13.880	91	184210	20.436	ug/l	97
90) Hexachloroethane	14.145	117	41339	19.864	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	116755	19.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	22250	17.978	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	60156	17.936	ug/l	97
94) Hexachlorobutadiene	15.298	225	26993	18.495	ug/l	99
95) Naphthalene	15.433	128	232297	17.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	63756	17.802	ug/l	96

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

