

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050622\
 Data File : VN072361.D
 Acq On : 06 May 2022 17:48
 Operator : JC\MD
 Sample : VN0506MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 09 03:14:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	240621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	406423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	345172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	149030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	187338	50.713	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.420%			
35) Dibromofluoromethane	8.022	113	140326	53.944	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.880%			
50) Toluene-d8	10.439	98	508689	49.766	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.540%			
62) 4-Bromofluorobenzene	12.727	95	172143	50.738	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	41007	15.087	ug/l	87
3) Chloromethane	2.299	50	45089	14.321	ug/l	96
4) Vinyl Chloride	2.440	62	37085	13.691	ug/l	96
5) Bromomethane	2.834	94	24591	17.509	ug/l	86
6) Chloroethane	3.004	64	22922	13.770	ug/l	93
7) Trichlorofluoromethane	3.369	101	74590	15.762	ug/l	93
8) Diethyl Ether	3.822	74	30424	17.755	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.210	101	45178	18.175	ug/l	97
10) Methyl Iodide	4.422	142	50105	16.606	ug/l #	90
11) Tert butyl alcohol	5.357	59	57362	94.491	ug/l #	88
12) 1,1-Dichloroethene	4.181	96	37690	16.400	ug/l	87
13) Acrolein	4.045	56	35973	58.883	ug/l	96
14) Allyl chloride	4.845	41	78321	16.414	ug/l	95
15) Acrylonitrile	5.545	53	168095	91.759	ug/l	99
16) Acetone	4.287	43	147601	92.676	ug/l	94
17) Carbon Disulfide	4.534	76	77409	14.575	ug/l	96
18) Methyl Acetate	4.857	43	84589	18.974	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	167319	18.574	ug/l	98
20) Methylene Chloride	5.092	84	51355	16.822	ug/l	90
21) trans-1,2-Dichloroethene	5.598	96	40788	16.095	ug/l	87
22) Diisopropyl ether	6.492	45	172217	17.522	ug/l	97
23) Vinyl Acetate	6.434	43	725619	87.906	ug/l	96
24) 1,1-Dichloroethane	6.387	63	95625	17.394	ug/l	99
25) 2-Butanone	7.333	43	218495	86.143	ug/l	94
26) 2,2-Dichloropropane	7.322	77	67656	15.754	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	51864	16.788	ug/l	94
28) Bromochloromethane	7.657	49	44654	18.139	ug/l	82
29) Tetrahydrofuran	7.681	42	151646	91.102	ug/l	88
30) Chloroform	7.816	83	97608	17.683	ug/l	95
31) Cyclohexane	8.098	56	74057	15.004	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	84582	18.006	ug/l	99
36) 1,1-Dichloropropene	8.216	75	61844	16.333	ug/l	96
37) Ethyl Acetate	7.410	43	83376	16.581	ug/l	98
38) Carbon Tetrachloride	8.204	117	72446	17.864	ug/l	96
39) Methylcyclohexane	9.457	83	65302	15.420	ug/l	89
40) Benzene	8.457	78	205527	17.500	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	43709	17.182	ug/l	90
42) 1,2-Dichloroethane	8.528	62	81206	18.060	ug/l	99
43) Isopropyl Acetate	8.557	43	141803	18.474	ug/l	95
44) Trichloroethene	9.216	130	47868	17.521	ug/l	92
45) 1,2-Dichloropropane	9.486	63	56903	17.930	ug/l	99
46) Dibromomethane	9.569	93	36931	18.576	ug/l	93
47) Bromodichloromethane	9.757	83	76827	18.417	ug/l	93
48) Methyl methacrylate	9.557	41	66662	20.070	ug/l	91
49) 1,4-Dioxane	9.557	88	23120	396.250	ug/l #	91
51) 4-Methyl-2-Pentanone	10.327	43	450772	95.010	ug/l	94
52) Toluene	10.504	92	122996	17.518	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	74852	17.850	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	81367	17.942	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	52282	17.759	ug/l	98
56) Ethyl methacrylate	10.757	69	82901	17.684	ug/l	91
57) 1,3-Dichloropropane	11.039	76	90918	17.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	92952	79.991	ug/l	93
59) 2-Hexanone	11.080	43	308868	92.399	ug/l	91
60) Dibromochloromethane	11.233	129	56766	18.857	ug/l	97
61) 1,2-Dibromoethane	11.339	107	54272	18.745	ug/l	96
64) Tetrachloroethene	10.974	164	39912	19.209	ug/l	93
65) Chlorobenzene	11.769	112	130426	18.701	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.833	131	51901	19.750	ug/l	98
67) Ethyl Benzene	11.839	91	221297	18.195	ug/l	97
68) m/p-Xylenes	11.951	106	170828	37.823	ug/l	92
69) o-Xylene	12.274	106	86996	19.869	ug/l	98
70) Styrene	12.292	104	135942	19.711	ug/l	97
71) Bromoform	12.457	173	39520	20.220	ug/l #	99
73) Isopropylbenzene	12.574	105	227004	17.246	ug/l	98
74) N-amyl acetate	12.386	43	81975	16.624	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	87258	18.981	ug/l	100
76) 1,2,3-Trichloropropane	12.880	75	65783m	19.214	ug/l	
77) Bromobenzene	12.857	156	54429	17.486	ug/l	87
78) n-propylbenzene	12.916	91	252799	17.434	ug/l	97
79) 2-Chlorotoluene	13.004	91	166393	17.470	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	187747	17.127	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	21827	16.935	ug/l	90
82) 4-Chlorotoluene	13.104	91	154268	17.400	ug/l	96
83) tert-Butylbenzene	13.321	119	166722	17.323	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	186918	17.624	ug/l	98
85) sec-Butylbenzene	13.498	105	227412	18.124	ug/l	98
86) p-Isopropyltoluene	13.610	119	176708	18.064	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	92721	18.405	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	89221	18.211	ug/l	97
89) n-Butylbenzene	13.939	91	126837	16.928	ug/l	98
90) Hexachloroethane	14.210	117	35502	16.718	ug/l	84
91) 1,2-Dichlorobenzene	13.980	146	95323	19.197	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	15917	17.485	ug/l	85
93) 1,2,4-Trichlorobenzene	15.262	180	35923	17.312	ug/l	97
94) Hexachlorobutadiene	15.368	225	23181	17.422	ug/l	97
95) Naphthalene	15.504	128	102736	16.465	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	36469	17.762	ug/l	98

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

