

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071642.D
 Acq On : 29 Mar 2022 19:18
 Operator : JC\MD
 Sample : VN0329MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022

Quant Time: Mar 30 06:08:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	685842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1090578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	997489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	722142	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.434	65	357912	43.524	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.040%
35) Dibromofluoromethane	8.016	113	293278	43.787	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	87.580%
50) Toluene-d8	10.439	98	1219053	44.124	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	88.240%
62) 4-Bromofluorobenzene	12.727	95	393712	43.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.360%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.069	85	119706	17.817	ug/l	97
3) Chloromethane	2.299	50	142627	18.039	ug/l	98
4) Vinyl Chloride	2.440	62	160223	18.242	ug/l	100
5) Bromomethane	2.834	94	103075	19.973	ug/l	98
6) Chloroethane	3.005	64	122926	20.015	ug/l	97
7) Trichlorofluoromethane	3.369	101	197377	18.855	ug/l	96
8) Diethyl Ether	3.828	74	83690	19.213	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	119408	18.774	ug/l	98
10) Methyl Iodide	4.422	142	171120	18.241	ug/l	98
11) Tert butyl alcohol	5.363	59	136712	94.152	ug/l	99
12) 1,1-Dichloroethene	4.181	96	115479	18.758	ug/l	97
13) Acrolein	4.040	56	100640	83.065	ug/l	99
14) Allyl chloride	4.840	41	184040	18.730	ug/l	99
15) Acrylonitrile	5.551	53	389585	96.065	ug/l	99
16) Acetone	4.287	43	303901	89.647	ug/l	96
17) Carbon Disulfide	4.528	76	269381	17.570	ug/l	99
18) Methyl Acetate	4.851	43	178929	19.847	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	429993	19.127	ug/l	96
20) Methylene Chloride	5.093	84	139061	18.558	ug/l	99
21) trans-1,2-Dichloroethene	5.598	96	125279	19.028	ug/l	95
22) Diisopropyl ether	6.487	45	410174	19.528	ug/l	99
23) Vinyl Acetate	6.428	43	1704461	96.187	ug/l	100
24) 1,1-Dichloroethane	6.387	63	242316	19.372	ug/l	99
25) 2-Butanone	7.328	43	506559	95.997	ug/l	99
26) 2,2-Dichloropropane	7.316	77	194521	18.094	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	155180	19.178	ug/l	98
28) Bromochloromethane	7.651	49	72412	14.331	ug/l	99
29) Tetrahydrofuran	7.681	42	339251	99.038	ug/l	99
30) Chloroform	7.810	83	246661	19.240	ug/l	96
31) Cyclohexane	8.092	56	222876	19.407	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	209645	18.854	ug/l	98
36) 1,1-Dichloropropene	8.216	75	178054	18.492	ug/l	99
37) Ethyl Acetate	7.410	43	199935	18.990	ug/l	97
38) Carbon Tetrachloride	8.204	117	174397	18.277	ug/l	98
39) Methylcyclohexane	9.457	83	231244	19.418	ug/l	98
40) Benzene	8.457	78	570744	19.307	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	107725	21.037	ug/l	90
42) 1,2-Dichloroethane	8.528	62	194903	19.075	ug/l	99
43) Isopropyl Acetate	8.551	43	326188	19.085	ug/l	97
44) Trichloroethene	9.216	130	150434	19.360	ug/l	98
45) 1,2-Dichloropropane	9.486	63	142837	19.613	ug/l	96
46) Dibromomethane	9.569	93	95950	19.251	ug/l	98
47) Bromodichloromethane	9.757	83	187269	19.069	ug/l	99
48) Methyl methacrylate	9.551	41	147126	19.403	ug/l	98
49) 1,4-Dioxane	9.563	88	65668	393.335	ug/l	97
51) 4-Methyl-2-Pentanone	10.328	43	1020388	98.844	ug/l	100
52) Toluene	10.504	92	372437	19.590	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	201266	18.852	ug/l	97
54) cis-1,3-Dichloropropene	10.181	75	218887	18.845	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	148283	19.369	ug/l	99
56) Ethyl methacrylate	10.757	69	228977	20.015	ug/l	98
57) 1,3-Dichloropropane	11.039	76	253763	19.855	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	275874	91.912	ug/l	100
59) 2-Hexanone	11.080	43	738349	99.977	ug/l	99
60) Dibromochloromethane	11.233	129	143148	18.646	ug/l	100
61) 1,2-Dibromoethane	11.339	107	150414	19.407	ug/l	98
64) Tetrachloroethene	10.975	164	131057	18.984	ug/l	99
65) Chlorobenzene	11.769	112	398465	19.144	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	139963	18.737	ug/l	99
67) Ethyl Benzene	11.839	91	713918	19.866	ug/l	100
68) m/p-Xylenes	11.945	106	535652	39.237	ug/l	98
69) o-Xylene	12.275	106	272780	19.887	ug/l	98
70) Styrene	12.292	104	443034	21.156	ug/l	98
71) Bromoform	12.451	173	106963	18.194	ug/l #	99
73) Isopropylbenzene	12.574	105	699491	11.074	ug/l	99
74) N-amyl acetate	12.380	43	207744	10.833	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	217738	10.298	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	232939m	13.434	ug/l	
77) Bromobenzene	12.857	156	216820	13.650	ug/l	77
78) n-propylbenzene	12.916	91	749888	11.011	ug/l	100
79) 2-Chlorotoluene	13.004	91	465160	10.907	ug/l	89
80) 1,3,5-Trimethylbenzene	13.057	105	559440	11.219	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.622	75	60066	9.999	ug/l	98
82) 4-Chlorotoluene	13.098	91	425893	10.706	ug/l	100
83) tert-Butylbenzene	13.316	119	515046	11.254	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	556248	11.390	ug/l	100
85) sec-Butylbenzene	13.498	105	658238	10.887	ug/l	100
86) p-Isopropyltoluene	13.610	119	549680	11.442	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	264905	10.330	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	257146	10.101	ug/l	97
89) n-Butylbenzene	13.939	91	418695	11.534	ug/l	99
90) Hexachloroethane	14.204	117	89720	9.946	ug/l	99
91) 1,2-Dichlorobenzene	13.980	146	259537	10.331	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	55862	15.283	ug/l #	18
93) 1,2,4-Trichlorobenzene	15.257	180	139339	12.558	ug/l	98
94) Hexachlorobutadiene	15.363	225	72713	10.400	ug/l	99
95) Naphthalene	15.498	128	756266	23.854	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	139109	12.521	ug/l	98

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

