

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075529.D
 Acq On : 02 Dec 2022 14:06
 Operator : JC\MD
 Sample : VN1202MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 03 00:31:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.883	168	152989m	50.000	ug/l	-0.35
34) 1,4-Difluorobenzene	8.865	114	242427	50.000	ug/l	-0.24
63) Chlorobenzene-d5	11.812	117	218385m	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.782	152	114011	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.271	65	40118	48.852	ug/l	-0.31
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.700%
35) Dibromofluoromethane	7.800	113	51025	53.579	ug/l	-0.37
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.160%
50) Toluene-d8	10.453	98	109782	51.182	ug/l	-0.11
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.360%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds						Qvalue
3) Chloromethane	2.124	50	450	0.309	ug/l #	42
7) Trichlorofluoromethane	3.389	101	27561	10.516	ug/l	95
8) Diethyl Ether	4.048	74	12465	13.570	ug/l #	14
14) Allyl chloride	4.906	41	16675	9.099	ug/l #	61
16) Acetone	4.053	43	34285	44.758	ug/l #	43
18) Methyl Acetate	4.900	43	15670	7.001	ug/l	94
25) 2-Butanone	7.406	43	13614	12.730	ug/l #	1
28) Bromochloromethane	7.565	49	3924	3.601	ug/l #	10
29) Tetrahydrofuran	7.400	42	61895	95.150	ug/l	97
30) Chloroform	7.565	83	56279	18.257	ug/l	99
31) Cyclohexane	7.983	56	50557	19.377	ug/l #	14
32) 1,1,1-Trichloroethane	7.789	97	51073	18.247	ug/l	95
36) 1,1-Dichloropropene	8.036	75	37913	18.255	ug/l	95
37) Ethyl Acetate	7.406	43	13614	7.280	ug/l #	74
38) Carbon Tetrachloride	8.012	117	45002	19.725	ug/l	97
39) Methylcyclohexane	9.406	83	48030	18.479	ug/l	95
40) Benzene	8.294	78	122776	19.309	ug/l	99
41) Methacrylonitrile	7.341	41	17422	18.223	ug/l	89
42) 1,2-Dichloroethane	8.377	62	41254	19.372	ug/l	96
43) Isopropyl Acetate	8.418	43	58125	19.364	ug/l	94
44) Trichloroethene	9.135	130	33393	19.193	ug/l	90
45) 1,2-Dichloropropane	9.435	63	29560	19.508	ug/l	92
46) Dibromomethane	9.524	93	22681	19.789	ug/l	91
47) Bromodichloromethane	9.730	83	43713	19.695	ug/l	94
48) Methyl methacrylate	9.418	41	31676	22.822	ug/l #	56
49) 1,4-Dioxane	9.518	88	16712	424.043	ug/l	94
51) 4-Methyl-2-Pentanone	10.335	43	193020	100.963	ug/l	97
52) Toluene	10.518	92	80712	19.698	ug/l	98
53) t-1,3-Dichloropropene	10.747	75	42594	19.116	ug/l	98
54) cis-1,3-Dichloropropene	10.182	75	47513	19.633	ug/l	93
55) 1,1,2-Trichloroethane	10.935	97	34398	20.611	ug/l	96
56) Ethyl methacrylate	10.794	69	45641	20.251	ug/l	97
57) 1,3-Dichloropropane	11.082	76	52669	19.355	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.030	63	78025	95.990	ug/l	96
59) 2-Hexanone	11.129	43	141409	98.503	ug/l	95
60) Dibromochloromethane	11.288	129	36129	21.091	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2-Dibromoethane	11.400	107	33986	19.620	ug/l	97
64) Tetrachloroethene	11.018	164	31186	18.700	ug/l	89
65) Chlorobenzene	11.841	112	88477	19.618	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.912	131	33368	19.824	ug/l	98
67) Ethyl Benzene	11.918	91	153878	19.999	ug/l	96
68) m/p-Xylenes	12.029	106	124896	39.972	ug/l	99
69) o-Xylene	12.365	106	62316	20.073	ug/l	95
70) Styrene	12.376	104	99017	20.218	ug/l	98
71) Bromoform	12.547	173	26510	20.693	ug/l #	99
73) Isopropylbenzene	12.671	105	157939	18.961	ug/l	98
74) N-amyl acetate	12.471	43	49009	19.138	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.918	83	50816	20.010	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	60596	28.110	ug/l #	1
77) Bromobenzene	12.953	156	40391	19.642	ug/l	82
78) n-propylbenzene	13.018	91	175785	18.910	ug/l	99
79) 2-Chlorotoluene	13.106	91	105980	18.922	ug/l	94
80) 1,3,5-Trimethylbenzene	13.159	105	136871	19.778	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	13527	18.567	ug/l	98
82) 4-Chlorotoluene	13.106	91	105980	18.922	ug/l	94
83) tert-Butylbenzene	13.423	119	126355	20.026	ug/l	95
84) 1,2,4-Trimethylbenzene	13.470	105	137174	19.761	ug/l	97
85) sec-Butylbenzene	13.606	105	169622	19.813	ug/l	99
86) p-Isopropyltoluene	13.723	119	145527	20.203	ug/l	99
87) 1,3-Dichlorobenzene	13.723	146	74562	19.137	ug/l	98
88) 1,4-Dichlorobenzene	13.800	146	73812	18.649	ug/l	99
89) n-Butylbenzene	14.053	91	114846	18.878	ug/l	99
90) Hexachloroethane	14.323	117	24035	19.342	ug/l	82
91) 1,2-Dichlorobenzene	14.100	146	75413	19.857	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9874	20.526	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	38122	19.587	ug/l	96
94) Hexachlorobutadiene	15.500	225	19952	19.681	ug/l	98
95) Naphthalene	15.641	128	122054	19.934	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	36909	19.295	ug/l	96

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

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