

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063436.D
 Acq On : 17 Sep 2020 22:47
 Operator : JC/MD
 Sample : VN0917MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 10:02:57 AM

Quant Time: Sep 18 05:04:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	283803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	506874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	462070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	211407	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	222443	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
35) Dibromofluoromethane	7.55	113	158199	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	
50) Toluene-d8	10.06	98	592522	44.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.82%	
62) 4-Bromofluorobenzene	12.38	95	220865	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	53505	16.641	ug/l	98
3) Chloromethane	2.04	50	69695	16.386	ug/l	97
4) Vinyl Chloride	2.16	62	66887	17.749	ug/l	96
5) Bromomethane	2.54	94	42119	18.824	ug/l	93
6) Chloroethane	2.68	64	40481	17.500	ug/l	99
7) Trichlorofluoromethane	2.99	101	103146	18.345	ug/l	99
8) Diethyl Ether	3.38	74	37628	17.168	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52933	16.741	ug/l #	84
10) Methyl Iodide	3.92	142	67669	16.438	ug/l	99
11) Tert butyl alcohol	4.73	59	50744	75.819	ug/l	97
12) 1,1-Dichloroethene	3.70	96	53278	16.635	ug/l	91
13) Acrolein	3.57	56	20607	83.085	ug/l	97
14) Allyl chloride	4.28	41	103999	16.417	ug/l	99
15) Acrylonitrile	4.93	53	144815	85.064	ug/l	98
16) Acetone	3.77	43	127682	82.236	ug/l	97
17) Carbon Disulfide	4.02	76	152833	16.406	ug/l	100
18) Methyl Acetate	4.28	43	68691	17.427	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	201072	16.845	ug/l	100
20) Methylene Chloride	4.51	84	66107	16.805	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	59248	16.697	ug/l	99
22) Diisopropyl ether	5.90	45	223686	17.313	ug/l	93
23) Vinyl Acetate	5.85	43	901727	84.982	ug/l	100
24) 1,1-Dichloroethane	5.80	63	121909	17.283	ug/l	99
25) 2-Butanone	6.78	43	200022	83.765	ug/l	100
26) 2,2-Dichloropropane	6.78	77	87440	14.080	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	69914	17.408	ug/l	98
28) Bromochloromethane	7.15	49	62472	19.181	ug/l	100
29) Tetrahydrofuran	7.17	42	133460	81.833	ug/l	99
30) Chloroform	7.33	83	122716	17.340	ug/l	99
31) Cyclohexane	7.61	56	105228	15.771	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	109032	17.322	ug/l	99
36) 1,1-Dichloropropene	7.75	75	89832	16.635	ug/l	98
37) Ethyl Acetate	6.88	43	88962	16.786	ug/l	99
38) Carbon Tetrachloride	7.73	117	90182	16.360	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	92836	15.840	ug/l	95
40) Benzene	8.00	78	264047	17.129	ug/l	99
41) Methacrylonitrile	7.13	41	41092	17.239	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	106501	17.180	ug/l	99
43) Isopropyl Acetate	8.13	43	150105	15.839	ug/l	99
44) Trichloroethene	8.80	130	64236	17.181	ug/l	92
45) 1,2-Dichloropropane	9.08	63	73008	17.389	ug/l	99
46) Dibromomethane	9.17	93	47038	17.046	ug/l	99
47) Bromodichloromethane	9.37	83	96142	16.771	ug/l	99
48) Methyl methacrylate	9.16	41	76026	16.329	ug/l	98
49) 1,4-Dioxane	9.17	88	21101	315.806	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	450542	84.921	ug/l	99
52) Toluene	10.13	92	162188	17.500	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	100567	15.714	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	109378	16.203	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	64816	17.607	ug/l	96
56) Ethyl methacrylate	10.40	69	96798	16.843	ug/l	98
57) 1,3-Dichloropropane	10.68	76	110461	16.639	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	258856	85.863	ug/l	99
59) 2-Hexanone	10.72	43	324280	84.368	ug/l	99
60) Dibromochloromethane	10.87	129	67636	16.263	ug/l	98
61) 1,2-Dibromoethane	10.98	107	65960	17.246	ug/l	100
64) Tetrachloroethene	10.60	164	56426	17.934	ug/l	99
65) Chlorobenzene	11.41	112	166579	16.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	61858	17.205	ug/l	99
67) Ethyl Benzene	11.49	91	314664	17.035	ug/l	99
68) m/p-Xylenes	11.60	106	229605	34.476	ug/l	97
69) o-Xylene	11.92	106	108775	17.146	ug/l	99
70) Styrene	11.94	104	183994	17.294	ug/l	99
71) Bromoform	12.10	173	42932	16.028	ug/l #	99
73) Isopropylbenzene	12.23	105	291073	17.182	ug/l	100
74) N-amyl acetate	12.05	43	131823	16.438	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	89526	17.067	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	85405m	16.322	ug/l	
77) Bromobenzene	12.50	156	68281	17.918	ug/l	97
78) n-propylbenzene	12.57	91	341283	17.296	ug/l	99
79) 2-Chlorotoluene	12.65	91	209684	17.728	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	248460	17.588	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	29021	15.206	ug/l	99
82) 4-Chlorotoluene	12.75	91	214565	17.169	ug/l	100
83) tert-Butylbenzene	12.97	119	200284	17.178	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	251008	17.591	ug/l	99
85) sec-Butylbenzene	13.15	105	266228	17.059	ug/l	99
86) p-Isopropyltoluene	13.26	119	241008	17.508	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	122720	17.375	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	124510	17.339	ug/l	98
89) n-Butylbenzene	13.59	91	211464	16.666	ug/l	99
90) Hexachloroethane	13.85	117	41509	15.836	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	121642	17.542	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19895	15.928	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	69404	16.977	ug/l	98
94) Hexachlorobutadiene	14.98	225	30522	18.035	ug/l	98
95) Naphthalene	15.10	128	221023	16.365	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	66160	16.749	ug/l	99

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

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