

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081920\
 Data File : VN063014.D
 Acq On : 19 Aug 2020 15:32
 Operator : JC/MD
 Sample : VN0819MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 10:09:53 AM

Quant Time: Aug 19 18:06:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	179144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	275678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	262579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	120325	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	104219	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
35) Dibromofluoromethane	7.55	113	85293	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
50) Toluene-d8	10.06	98	316814	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
62) 4-Bromofluorobenzene	12.38	95	108172	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	41119	17.748	ug/l	100
3) Chloromethane	2.04	50	46586	18.966	ug/l	97
4) Vinyl Chloride	2.16	62	45123	18.996	ug/l	97
5) Bromomethane	2.53	94	28801	20.427	ug/l	96
6) Chloroethane	2.67	64	27024	19.268	ug/l	100
7) Trichlorofluoromethane	2.98	101	52451	17.706	ug/l	97
8) Diethyl Ether	3.37	74	18318	17.479	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	26758	16.763	ug/l	97
10) Methyl Iodide	3.91	142	34636	17.118	ug/l	99
11) Tert butyl alcohol	4.73	59	25225	83.876	ug/l	98
12) 1,1-Dichloroethene	3.70	96	24466	16.089	ug/l	87
13) Acrolein	3.57	56	5064	53.750	ug/l	100
14) Allyl chloride	4.28	41	44914	16.752	ug/l	99
15) Acrylonitrile	4.93	53	78791	89.137	ug/l	98
16) Acetone	3.78	43	60193	88.377	ug/l	98
17) Carbon Disulfide	4.01	76	68672	17.244	ug/l	100
18) Methyl Acetate	4.28	43	35363	16.760	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	95361	17.982	ug/l	97
20) Methylene Chloride	4.50	84	34744	17.698	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	28134	17.679	ug/l	97
22) Diisopropyl ether	5.90	45	115356	18.960	ug/l	95
23) Vinyl Acetate	5.84	43	351801	85.685	ug/l	100
24) 1,1-Dichloroethane	5.80	63	60695	17.852	ug/l	100
25) 2-Butanone	6.79	43	94126	83.504	ug/l	96
26) 2,2-Dichloropropane	6.78	77	42991	16.078	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	34644	17.369	ug/l	98
28) Bromochloromethane	7.15	49	34538	19.415	ug/l	99
29) Tetrahydrofuran	7.17	42	62983	86.575	ug/l	99
30) Chloroform	7.33	83	62126	18.143	ug/l	98
31) Cyclohexane	7.62	56	52348	16.728	ug/l #	96
32) 1,1,1-Trichloroethane	7.53	97	48624	17.394	ug/l	99
36) 1,1-Dichloropropene	7.75	75	39584	16.294	ug/l	99
37) Ethyl Acetate	6.89	43	38261	16.808	ug/l	98
38) Carbon Tetrachloride	7.73	117	40977	16.707	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	45962	15.138	ug/l	95
40) Benzene	8.00	78	132198	17.157	ug/l	100
41) Methacrylonitrile	7.12	41	17234	15.890	ug/l	93
42) 1,2-Dichloroethane	8.08	62	47215	18.249	ug/l	100
43) Isopropyl Acetate	8.13	43	61587	16.330	ug/l #	92
44) Trichloroethene	8.80	130	31533	16.452	ug/l	97
45) 1,2-Dichloropropane	9.08	63	38497	17.284	ug/l	99
46) Dibromomethane	9.17	93	23479	18.248	ug/l	99
47) Bromodichloromethane	9.37	83	49312	17.498	ug/l	98
48) Methyl methacrylate	9.17	41	29691	16.639	ug/l	98
49) 1,4-Dioxane	9.17	88	12248	322.446	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	200642	84.170	ug/l	99
52) Toluene	10.12	92	80507	17.320	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	49368	16.940	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	54404	17.017	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	35237	17.730	ug/l	97
56) Ethyl methacrylate	10.40	69	45646	16.093	ug/l	97
57) 1,3-Dichloropropane	10.68	76	58401	17.696	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	46965	72.062	ug/l	99
59) 2-Hexanone	10.72	43	137981	82.984	ug/l	96
60) Dibromochloromethane	10.87	129	38102	17.323	ug/l	99
61) 1,2-Dibromoethane	10.98	107	34422	18.025	ug/l	99
64) Tetrachloroethene	10.60	164	28294	16.392	ug/l	99
65) Chlorobenzene	11.41	112	88569	16.795	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	35021	17.073	ug/l	99
67) Ethyl Benzene	11.48	91	146444	16.435	ug/l	100
68) m/p-Xylenes	11.60	106	112936	34.101	ug/l	98
69) o-Xylene	11.92	106	52242	16.427	ug/l	98
70) Styrene	11.94	104	94025	16.249	ug/l	100
71) Bromoform	12.10	173	27767	17.007	ug/l #	99
73) Isopropylbenzene	12.23	105	140727	17.079	ug/l	100
74) N-amyl acetate	12.05	43	50804	17.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	49721	17.609	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	42154m	18.023	ug/l	
77) Bromobenzene	12.50	156	39115	17.260	ug/l	99
78) n-propylbenzene	12.57	91	163052	17.361	ug/l	100
79) 2-Chlorotoluene	12.65	91	102459	17.344	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	119975	17.614	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	14352	16.853	ug/l	97
82) 4-Chlorotoluene	12.75	91	107083	17.802	ug/l	99
83) tert-Butylbenzene	12.97	119	100044	17.017	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	115786	17.449	ug/l	100
85) sec-Butylbenzene	13.15	105	134715	16.955	ug/l	99
86) p-Isopropyltoluene	13.26	119	115505	16.684	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	67358	17.295	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	67946	17.189	ug/l	99
89) n-Butylbenzene	13.59	91	89335	15.631	ug/l	100
90) Hexachloroethane	13.85	117	24554	16.687	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	66651	17.717	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7530	18.145	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	27779	16.655	ug/l	98
94) Hexachlorobutadiene	14.98	225	22195	15.966	ug/l	100
95) Naphthalene	15.11	128	56792	16.137	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	28268	16.697	ug/l	99

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

