

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058287.D
 Acq On : 23 Sep 2019 13:18
 Operator : JC/SP
 Sample : VN0923MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:47:39 AM

Quant Time: Sep 24 03:25:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	447656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	766557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	685170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321729	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	331920	53.24	ug/l	0.00
Spiked Amount						
			Recovery	=	106.48%	
35) Dibromofluoromethane	7.58	113	233101	50.02	ug/l	0.00
Spiked Amount						
			Recovery	=	100.04%	
50) Toluene-d8	10.09	98	908922	50.06	ug/l	0.00
Spiked Amount						
			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.41	95	322287	47.79	ug/l	0.00
Spiked Amount						
			Recovery	=	95.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	66243	18.014	ug/l	98
3) Chloromethane	2.03	50	57833	19.778	ug/l	99
4) Vinyl Chloride	2.17	62	64456	20.255	ug/l	99
5) Bromomethane	2.55	94	33752	20.995	ug/l	90
6) Chloroethane	2.69	64	43134	20.698	ug/l	95
7) Trichlorofluoromethane	3.00	101	95850	19.096	ug/l	100
8) Diethyl Ether	3.39	74	43462	18.897	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.74	101	69392	19.174	ug/l	99
10) Methyl Iodide	3.93	142	56060	18.486	ug/l	98
11) Tert butyl alcohol	4.76	59	88645	119.522	ug/l #	89
12) 1,1-Dichloroethene	3.72	96	54448	19.609	ug/l	96
13) Acrolein	3.59	56	15019	136.646	ug/l	97
14) Allyl chloride	4.30	41	114111	19.270	ug/l	100
15) Acrylonitrile	4.97	53	225753	114.247	ug/l	99
16) Acetone	3.80	43	203970	96.376	ug/l	98
17) Carbon Disulfide	4.03	76	69920	18.260	ug/l	100
18) Methyl Acetate	4.30	43	127013	22.807	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	283347	20.759	ug/l	98
20) Methylene Chloride	4.54	84	76902	20.624	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	59541	19.651	ug/l	96
22) Diisopropyl ether	5.93	45	305746	20.325	ug/l	92
23) Vinyl Acetate	5.88	43	1105720	107.424	ug/l	99
24) 1,1-Dichloroethane	5.83	63	161386	20.101	ug/l	99
25) 2-Butanone	6.82	43	317844	110.235	ug/l	99
26) 2,2-Dichloropropane	6.81	77	120078	17.630	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	89008	19.607	ug/l	99
28) Bromochloromethane	7.18	49	83845	22.076	ug/l #	98
29) Tetrahydrofuran	7.19	42	201760	113.600	ug/l	99
30) Chloroform	7.36	83	173346	20.058	ug/l	99
31) Cyclohexane	7.64	56	107360	19.200	ug/l	94
32) 1,1,1-Trichloroethane	7.56	97	133970	20.363	ug/l	99
36) 1,1-Dichloropropene	7.78	75	98506	17.819	ug/l	99
37) Ethyl Acetate	6.91	43	126838	22.109	ug/l	98
38) Carbon Tetrachloride	7.76	117	106261	19.122	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	98904	18.549	ug/l	98
40) Benzene	8.03	78	321444	19.038	ug/l	99
41) Methacrylonitrile	7.16	41	62652	22.194	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	139140	19.639	ug/l	100
43) Isopropyl Acetate	8.15	43	213682	19.944	ug/l #	91
44) Trichloroethene	8.83	130	77729	18.812	ug/l	95
45) 1,2-Dichloropropane	9.11	63	101761	20.181	ug/l	98
46) Dibromomethane	9.20	93	62950	20.534	ug/l	96
47) Bromodichloromethane	9.40	83	130277	20.285	ug/l	98
48) Methyl methacrylate	9.19	41	102012	20.970	ug/l	99
49) 1,4-Dioxane	9.19	88	38124	477.330	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	696510	122.390	ug/l	98
52) Toluene	10.15	92	201260	19.020	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	128382	19.514	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	139560	19.214	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	96785	20.611	ug/l	97
56) Ethyl methacrylate	10.43	69	138707	20.472	ug/l	99
57) 1,3-Dichloropropane	10.71	76	162309	20.106	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	348968	108.131	ug/l	99
59) 2-Hexanone	10.75	43	494563	117.012	ug/l	99
60) Dibromochloromethane	10.90	129	90032	19.929	ug/l	98
61) 1,2-Dibromoethane	11.00	107	88240	20.276	ug/l	99
64) Tetrachloroethene	10.63	164	61554	18.429	ug/l	98
65) Chlorobenzene	11.44	112	232623	19.302	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	90046	20.606	ug/l	100
67) Ethyl Benzene	11.51	91	414131	20.055	ug/l	99
68) m/p-Xylenes	11.63	106	298601	38.393	ug/l	97
69) o-Xylene	11.95	106	149299	19.522	ug/l	99
70) Styrene	11.97	104	266364	20.215	ug/l	99
71) Bromoform	12.13	173	57299	20.009	ug/l #	99
73) Isopropylbenzene	12.26	105	426407	21.174	ug/l	100
74) N-amyl acetate	12.08	43	188465	22.371	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	152218	22.572	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	126598m	21.987	ug/l	
77) Bromobenzene	12.53	156	99426	19.628	ug/l	95
78) n-propylbenzene	12.60	91	497297	21.731	ug/l	98
79) 2-Chlorotoluene	12.68	91	297191	20.780	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	360911	21.194	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	34576	21.586	ug/l	94
82) 4-Chlorotoluene	12.78	91	310132	20.629	ug/l	99
83) tert-Butylbenzene	13.00	119	322766	21.254	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	366472	21.625	ug/l	100
85) sec-Butylbenzene	13.18	105	425664	21.435	ug/l	99
86) p-Isopropyltoluene	13.30	119	380301	21.541	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	186454	20.152	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	188489	19.955	ug/l	99
89) n-Butylbenzene	13.62	91	334616	19.991	ug/l	99
90) Hexachloroethane	13.88	117	59806	21.050	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	192211	20.710	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.28	75	27619	22.749	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	114086	19.239	ug/l	99
94) Hexachlorobutadiene	15.02	225	52795	18.420	ug/l	99
95) Naphthalene	15.14	128	326186	21.225	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	109319	19.505	ug/l	99

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

