

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054618.D
 Acq On : 23 Mar 2019 22:23
 Operator : JC/SP
 Sample : VN0323MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0323MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 10:07:41 AM

Quant Time: Mar 25 04:48:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	404468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	679886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	588923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	246571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	286270	56.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.80%	
35) Dibromofluoromethane	7.59	113	218664	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	10.09	98	815440	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.40	95	270733	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	80696	20.870	ug/l	97
3) Chloromethane	2.06	50	115231	21.903	ug/l	99
4) Vinyl Chloride	2.19	62	108177	20.481	ug/l	98
5) Bromomethane	2.57	94	58698	17.186	ug/l	98
6) Chloroethane	2.71	64	60698	19.159	ug/l	96
7) Trichlorofluoromethane	3.02	101	129700	20.220	ug/l	99
8) Diethyl Ether	3.41	74	45335	18.377	ug/l	65
9) 1,1,2-Trichlorotrifluoroet	3.75	101	67374	17.872	ug/l	91
10) Methyl Iodide	3.94	142	97388	17.562	ug/l #	89
11) Tert butyl alcohol	4.82	59	35211	115.603	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	67843	17.390	ug/l #	71
13) Acrolein	3.61	56	7559	17.984	ug/l	83
14) Allyl chloride	4.32	41	155106	21.113	ug/l #	94
15) Acrylonitrile	5.00	53	170857	112.643	ug/l	98
16) Acetone	3.82	43	127977	84.610	ug/l #	81
17) Carbon Disulfide	4.04	76	197661	18.909	ug/l	100
18) Methyl Acetate	4.33	43	79551	23.596	ug/l	91
19) Methyl tert-butyl Ether	5.05	73	252530	22.180	ug/l	95
20) Methylene Chloride	4.55	84	96736	21.696	ug/l #	86
21) trans-1,2-Dichloroethene	5.03	96	84659	21.252	ug/l	85
22) Diisopropyl ether	5.96	45	336498	23.222	ug/l #	95
23) Vinyl Acetate	5.90	43	1192798	116.551	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	178458	22.873	ug/l	98
25) 2-Butanone	6.85	43	215267	111.101	ug/l #	88
26) 2,2-Dichloropropane	6.83	77	92350	16.605	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	101890	21.444	ug/l	91
28) Bromochloromethane	7.19	49	91093	23.720	ug/l #	71
29) Tetrahydrofuran	7.22	42	150165	119.429	ug/l #	85
30) Chloroform	7.37	83	171054	22.465	ug/l	98
31) Cyclohexane	7.65	56	161863	20.557	ug/l	90
32) 1,1,1-Trichloroethane	7.57	97	140603	22.383	ug/l	96
36) 1,1-Dichloropropene	7.79	75	123211	19.382	ug/l	96
37) Ethyl Acetate	6.94	43	99731	22.058	ug/l	95
38) Carbon Tetrachloride	7.77	117	118702	19.215	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	127496	17.533	ug/l	88
40) Benzene	8.04	78	374234	20.587	ug/l	99
41) Methacrylonitrile	7.18	41	45533	16.513	ug/l #	90
42) 1,2-Dichloroethane	8.13	62	141007	21.300	ug/l	97
43) Isopropyl Acetate	8.17	43	167288	21.908	ug/l #	93
44) Trichloroethene	8.83	130	98213	19.433	ug/l	92
45) 1,2-Dichloropropane	9.12	63	107050	21.931	ug/l	98
46) Dibromomethane	9.21	93	60300	20.707	ug/l	90
47) Bromodichloromethane	9.40	83	129021	21.349	ug/l	99
48) Methyl methacrylate	9.20	41	86960	20.982	ug/l	87
49) 1,4-Dioxane	9.20	88	20061	432.978	ug/l #	87
51) 4-Methyl-2-Pentanone	9.99	43	473586	111.911	ug/l	93
52) Toluene	10.16	92	219886	19.667	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	111233	18.901	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	137584	19.855	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	85579	21.294	ug/l	98
56) Ethyl methacrylate	10.43	69	114026	21.138	ug/l #	83
57) 1,3-Dichloropropane	10.71	76	148004	21.185	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	208090	93.682	ug/l	89
59) 2-Hexanone	10.75	43	293903	106.326	ug/l	91
60) Dibromochloromethane	10.90	129	88987	20.808	ug/l	98
61) 1,2-Dibromoethane	11.00	107	81431	20.495	ug/l	100
64) Tetrachloroethene	10.63	164	91750	18.782	ug/l	95
65) Chlorobenzene	11.43	112	237164	19.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	88100	20.492	ug/l	96
67) Ethyl Benzene	11.51	91	419508	19.827	ug/l	96
68) m/p-Xylenes	11.62	106	308208	38.457	ug/l	96
69) o-Xylene	11.95	106	152746	19.516	ug/l	96
70) Styrene	11.96	104	251076	19.754	ug/l	97
71) Bromoform	12.13	173	52094	19.015	ug/l #	99
73) Isopropylbenzene	12.25	105	397732	20.017	ug/l	99
74) N-amyl acetate	12.07	43	130833	22.901	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	104079	22.947	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	92726m	23.699	ug/l	
77) Bromobenzene	12.53	156	99237	20.138	ug/l	86
78) n-propylbenzene	12.59	91	431422	20.024	ug/l	97
79) 2-Chlorotoluene	12.67	91	268595	19.991	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	327023	20.082	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	18284	18.259	ug/l #	71
82) 4-Chlorotoluene	12.77	91	261860	20.107	ug/l	95
83) tert-Butylbenzene	12.99	119	286481	20.211	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	322805	20.202	ug/l	97
85) sec-Butylbenzene	13.17	105	349803	19.796	ug/l	97
86) p-Isopropyltoluene	13.29	119	302397	19.129	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	161584	19.787	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	155777	19.606	ug/l	97
89) n-Butylbenzene	13.61	91	228726	18.503	ug/l	97
90) Hexachloroethane	13.87	117	49975	20.366	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	163272	20.642	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15089	22.681	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	71881	18.230	ug/l	98
94) Hexachlorobutadiene	15.01	225	45610	19.054	ug/l	99
95) Naphthalene	15.13	128	165889	18.861	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	74776	19.054	ug/l	98

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

