

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054573.D
 Acq On : 22 Mar 2019 23:07
 Operator : JC/SP
 Sample : VN0322MBS02
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322MBS02

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 4:41:23 PM

Quant Time: Mar 23 04:36:11 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	404164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	696152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	592886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	297395	59.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.32%	
35) Dibromofluoromethane	7.59	113	229879	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.09	98	841161	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.40	95	271022	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	84452	21.858	ug/l	100
3) Chloromethane	2.06	50	115929	22.053	ug/l	99
4) Vinyl Chloride	2.19	62	109160	20.682	ug/l	98
5) Bromomethane	2.58	94	64613	18.932	ug/l	98
6) Chloroethane	2.71	64	61976	19.577	ug/l	99
7) Trichlorofluoromethane	3.02	101	136138	21.240	ug/l	96
8) Diethyl Ether	3.41	74	49232	19.972	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	3.75	101	68486	18.181	ug/l	93
10) Methyl Iodide	3.95	142	98788	17.828	ug/l #	90
11) Tert butyl alcohol	4.82	59	35830	117.724	ug/l	98
12) 1,1-Dichloroethene	3.73	96	72122	18.501	ug/l #	74
13) Acrolein	3.61	56	39966	95.154	ug/l	93
14) Allyl chloride	4.32	41	158192	21.550	ug/l #	91
15) Acrylonitrile	5.00	53	179678	118.548	ug/l	98
16) Acetone	3.82	43	133505	88.331	ug/l #	83
17) Carbon Disulfide	4.04	76	192490	18.429	ug/l	100
18) Methyl Acetate	4.34	43	82116	24.376	ug/l #	89
19) Methyl tert-butyl Ether	5.06	73	259275	22.789	ug/l	95
20) Methylene Chloride	4.55	84	97070	21.787	ug/l #	81
21) trans-1,2-Dichloroethene	5.04	96	88591	22.256	ug/l	86
22) Diisopropyl ether	5.96	45	342074	23.625	ug/l #	95
23) Vinyl Acetate	5.90	43	1195333	116.887	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	180470	23.148	ug/l	97
25) 2-Butanone	6.85	43	225412	116.425	ug/l	89
26) 2,2-Dichloropropane	6.82	77	100536	18.090	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	104909	22.096	ug/l	91
28) Bromochloromethane	7.19	49	94303	24.574	ug/l #	72
29) Tetrahydrofuran	7.22	42	158084	125.821	ug/l #	83
30) Chloroform	7.37	83	175970	23.128	ug/l	100
31) Cyclohexane	7.65	56	168122	21.444	ug/l #	86
32) 1,1,1-Trichloroethane	7.57	97	141763	22.584	ug/l	95
36) 1,1-Dichloropropene	7.79	75	126806	19.481	ug/l	97
37) Ethyl Acetate	6.94	43	102801	22.206	ug/l	96
38) Carbon Tetrachloride	7.77	117	121513	19.210	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	132773	17.832	ug/l #	87
40) Benzene	8.04	78	381438	20.493	ug/l	99
41) Methacrylonitrile	7.18	41	37833	13.400	ug/l #	69
42) 1,2-Dichloroethane	8.12	62	141648	20.897	ug/l	97
43) Isopropyl Acetate	8.17	43	171111	21.885	ug/l #	93
44) Trichloroethene	8.83	130	98484	19.031	ug/l	94
45) 1,2-Dichloropropane	9.12	63	109449	21.899	ug/l	98
46) Dibromomethane	9.21	93	63088	21.159	ug/l	89
47) Bromodichloromethane	9.40	83	126479	20.439	ug/l	98
48) Methyl methacrylate	9.20	41	86159	20.303	ug/l	88
49) 1,4-Dioxane	9.20	88	20310	428.110	ug/l #	86
51) 4-Methyl-2-Pentanone	9.99	43	482208	111.286	ug/l	93
52) Toluene	10.16	92	225951	19.737	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	109121	18.202	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	138441	19.512	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	84793	20.605	ug/l	96
56) Ethyl methacrylate	10.43	69	109639	19.850	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	150023	20.972	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	212160	93.283	ug/l	89
59) 2-Hexanone	10.75	43	293102	103.558	ug/l	91
60) Dibromochloromethane	10.90	129	87342	19.946	ug/l	100
61) 1,2-Dibromoethane	11.01	107	81851	20.119	ug/l	99
64) Tetrachloroethene	10.63	164	95730	19.466	ug/l	96
65) Chlorobenzene	11.43	112	233005	19.323	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	86843	20.064	ug/l	96
67) Ethyl Benzene	11.51	91	420166	19.725	ug/l	99
68) m/p-Xylenes	11.62	106	310595	38.496	ug/l	96
69) o-Xylene	11.95	106	153055	19.425	ug/l	99
70) Styrene	11.96	104	249396	19.491	ug/l	97
71) Bromoform	12.13	173	50014	18.237	ug/l #	100
73) Isopropylbenzene	12.25	105	399596	20.704	ug/l	98
74) N-amyl acetate	12.07	43	124858	22.499	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	102931	23.362	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	86241m	22.691	ug/l	
77) Bromobenzene	12.53	156	98061	20.486	ug/l	85
78) n-propylbenzene	12.59	91	433573	20.717	ug/l	96
79) 2-Chlorotoluene	12.67	91	266354	20.409	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	329424	20.825	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	16516	17.202	ug/l #	74
82) 4-Chlorotoluene	12.77	91	257770	20.376	ug/l	95
83) tert-Butylbenzene	12.99	119	284040	20.629	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	316892	20.416	ug/l	99
85) sec-Butylbenzene	13.17	105	346254	20.173	ug/l	97
86) p-Isopropyltoluene	13.29	119	304234	19.812	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	156736	19.759	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	150853	19.546	ug/l	95
89) n-Butylbenzene	13.62	91	224888	18.729	ug/l	97
90) Hexachloroethane	13.87	117	47320	19.852	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	161150	20.974	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14529	22.483	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	69057	18.030	ug/l	99
94) Hexachlorobutadiene	15.01	225	44535	19.166	ug/l	99
95) Naphthalene	15.13	128	163638	19.154	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	71548	18.769	ug/l	98

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

