

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030220\
 Data File : VN060302.D
 Acq On : 2 Mar 2020 11:40
 Operator : JC/MD
 Sample : VN0302MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 10:04:16 AM

Quant Time: Mar 03 05:59:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	207725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	339711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	312966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	133576	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
35) Dibromofluoromethane	7.56	113	90965	57.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.38%	
50) Toluene-d8	10.08	98	382198	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.40	95	143031	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	35101	18.430	ug/l	98
3) Chloromethane	2.04	50	61237	18.468	ug/l	98
4) Vinyl Chloride	2.16	62	49957	17.568	ug/l	98
5) Bromomethane	2.54	94	20449	16.242	ug/l	98
6) Chloroethane	2.68	64	27383	17.773	ug/l	98
7) Trichlorofluoromethane	3.00	101	65607	18.057	ug/l	99
8) Diethyl Ether	3.38	74	26550	19.354	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	37908	18.436	ug/l	99
10) Methyl Iodide	3.92	142	34658	18.468	ug/l	100
11) Tert butyl alcohol	4.72	59	39033	98.633	ug/l	100
12) 1,1-Dichloroethene	3.71	96	38298	19.143	ug/l	100
13) Acrolein	3.57	56	33965	91.999	ug/l	99
14) Allyl chloride	4.29	41	66060	17.953	ug/l	93
15) Acrylonitrile	4.94	53	101754	97.550	ug/l	100
16) Acetone	3.78	43	82623	96.000	ug/l	98
17) Carbon Disulfide	4.03	76	99654	18.371	ug/l	99
18) Methyl Acetate	4.28	43	53014	18.458	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	139548	19.259	ug/l	97
20) Methylene Chloride	4.52	84	43670	18.476	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	41430	19.059	ug/l	98
22) Diisopropyl ether	5.91	45	146824	19.699	ug/l	97
23) Vinyl Acetate	5.86	43	592309	100.007	ug/l	100
24) 1,1-Dichloroethane	5.81	63	81005	19.200	ug/l	98
25) 2-Butanone	6.80	43	136225	97.992	ug/l	100
26) 2,2-Dichloropropane	6.79	77	71138	18.521	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	49290	17.984	ug/l	99
28) Bromochloromethane	7.17	49	32555	18.793	ug/l	99
29) Tetrahydrofuran	7.18	42	91916	95.083	ug/l	100
30) Chloroform	7.35	83	79947	19.035	ug/l	98
31) Cyclohexane	7.63	56	73561	19.617	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	70863	19.043	ug/l	99
36) 1,1-Dichloropropene	7.77	75	57854	17.869	ug/l	99
37) Ethyl Acetate	6.90	43	60070	19.595	ug/l	99
38) Carbon Tetrachloride	7.75	117	58562	18.578	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	70119	18.369	ug/l	97
40) Benzene	8.02	78	176415	18.721	ug/l	99
41) Methacrylonitrile	7.14	41	29911	21.131	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	66415	19.531	ug/l	100
43) Isopropyl Acetate	8.14	43	105676	19.690	ug/l	98
44) Trichloroethene	8.82	130	48022	18.298	ug/l	99
45) 1,2-Dichloropropane	9.10	63	48042	19.500	ug/l	98
46) Dibromomethane	9.19	93	30966	19.370	ug/l	99
47) Bromodichloromethane	9.39	83	63290	19.466	ug/l	99
48) Methyl methacrylate	9.18	41	45797	18.713	ug/l	98
49) 1,4-Dioxane	9.18	88	13150	382.083	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	294156	96.669	ug/l	100
52) Toluene	10.14	92	109378	18.478	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	74291	18.647	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	79439	19.243	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	44193	18.565	ug/l	97
56) Ethyl methacrylate	10.42	69	65214	19.069	ug/l	97
57) 1,3-Dichloropropane	10.70	76	76081	19.598	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	169412	94.717	ug/l	99
59) 2-Hexanone	10.74	43	211775	94.788	ug/l	100
60) Dibromochloromethane	10.89	129	46070	19.031	ug/l	99
61) 1,2-Dibromoethane	10.99	107	44295	19.089	ug/l	99
64) Tetrachloroethene	10.62	164	51014	19.850	ug/l	99
65) Chlorobenzene	11.43	112	116744	18.473	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	44242	18.934	ug/l	99
67) Ethyl Benzene	11.50	91	215149	18.695	ug/l	99
68) m/p-Xylenes	11.61	106	159032	36.626	ug/l	99
69) o-Xylene	11.94	106	78097	18.862	ug/l	98
70) Styrene	11.96	104	123497	18.141	ug/l	99
71) Bromoform	12.12	173	31478	18.692	ug/l #	100
73) Isopropylbenzene	12.25	105	208263	18.763	ug/l	99
74) N-amyl acetate	12.06	43	89625	18.479	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	57950	19.207	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	57629m	17.540	ug/l	
77) Bromobenzene	12.52	156	50364	18.511	ug/l	98
78) n-propylbenzene	12.59	91	241911	18.594	ug/l	100
79) 2-Chlorotoluene	12.67	91	142290	18.605	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	175701	18.801	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	22811	19.165	ug/l #	86
82) 4-Chlorotoluene	12.77	91	147934	18.360	ug/l	100
83) tert-Butylbenzene	12.99	119	152626	18.864	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	177465	18.814	ug/l	100
85) sec-Butylbenzene	13.17	105	202310	18.672	ug/l	100
86) p-Isopropyltoluene	13.28	119	184405	18.389	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	91143	19.379	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	90574	19.273	ug/l	100
89) n-Butylbenzene	13.61	91	167967	18.246	ug/l	100
90) Hexachloroethane	13.87	117	25473	17.549	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	87568	18.368	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12321	18.033	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	59041	19.544	ug/l	99
94) Hexachlorobutadiene	15.01	225	28676	20.253	ug/l	99
95) Naphthalene	15.13	128	168450	18.709	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	56583	19.723	ug/l	100

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

