

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061612.D
 Acq On : 2 Jun 2020 11:51
 Operator : JC/MD
 Sample : VN0602MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 11:32:20 AM

Quant Time: Jun 03 01:22:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	312717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	528102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	490062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	238613	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	189320	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	7.54	113	149916	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
50) Toluene-d8	10.06	98	616932	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.37	95	221933	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	65632	18.908	ug/l	99
3) Chloromethane	2.03	50	67838	17.786	ug/l	99
4) Vinyl Chloride	2.16	62	92975	17.788	ug/l	98
5) Bromomethane	2.54	94	60808	20.275	ug/l	97
6) Chloroethane	2.67	64	60192	17.891	ug/l	100
7) Trichlorofluoromethane	2.98	101	123158	18.272	ug/l	97
8) Diethyl Ether	3.37	74	37229	18.064	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56562	18.911	ug/l	98
10) Methyl Iodide	3.91	142	77378	18.636	ug/l	99
11) Tert butyl alcohol	4.73	59	48931	98.735	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	56029	17.534	ug/l	94
13) Acrolein	3.57	56	15421	87.497	ug/l	98
14) Allyl chloride	4.27	41	73438	17.579	ug/l	96
15) Acrylonitrile	4.92	53	122465	88.534	ug/l	98
16) Acetone	3.77	43	95871	89.382	ug/l	96
17) Carbon Disulfide	4.00	76	139433	19.833	ug/l	97
18) Methyl Acetate	4.27	43	58178	17.249	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	198360	18.214	ug/l	95
20) Methylene Chloride	4.50	84	65468	18.227	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	65549	18.190	ug/l	94
22) Diisopropyl ether	5.90	45	169228	18.380	ug/l	98
23) Vinyl Acetate	5.84	43	637681	86.895	ug/l	100
24) 1,1-Dichloroethane	5.79	63	106449	18.232	ug/l	97
25) 2-Butanone	6.78	43	146280	82.842	ug/l	96
26) 2,2-Dichloropropane	6.77	77	96733	18.102	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	77007	18.872	ug/l	99
28) Bromochloromethane	7.14	49	48429	21.294	ug/l	97
29) Tetrahydrofuran	7.16	42	99031	85.050	ug/l	98
30) Chloroform	7.32	83	122527	18.969	ug/l	96
31) Cyclohexane	7.61	56	92920	17.696	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	106679	18.125	ug/l	99
36) 1,1-Dichloropropene	7.75	75	84652	18.107	ug/l	99
37) Ethyl Acetate	6.88	43	60825	16.153	ug/l #	94
38) Carbon Tetrachloride	7.73	117	82885	18.380	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	104053	18.057	ug/l	98
40) Benzene	8.00	78	264290	18.322	ug/l	99
41) Methacrylonitrile	7.12	41	25128	14.565	ug/l	97
42) 1,2-Dichloroethane	8.08	62	90702	18.782	ug/l	99
43) Isopropyl Acetate	8.12	43	114158	16.851	ug/l	98
44) Trichloroethene	8.80	130	79999	18.046	ug/l	98
45) 1,2-Dichloropropane	9.08	63	63056	18.409	ug/l	99
46) Dibromomethane	9.17	93	47880	18.226	ug/l	99
47) Bromodichloromethane	9.37	83	95364	18.323	ug/l	98
48) Methyl methacrylate	9.17	41	48368	15.869	ug/l	97
49) 1,4-Dioxane	9.17	88	21924	464.315	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	317007	83.038	ug/l	98
52) Toluene	10.12	92	173679	18.447	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	101401	18.086	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	110147	18.271	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	69365	18.493	ug/l	96
56) Ethyl methacrylate	10.40	69	90250	17.224	ug/l	100
57) 1,3-Dichloropropane	10.68	76	112301	18.720	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	193233	86.297	ug/l	99
59) 2-Hexanone	10.72	43	223250	81.428	ug/l	100
60) Dibromochloromethane	10.87	129	79637	18.675	ug/l	98
61) 1,2-Dibromoethane	10.98	107	72133	18.439	ug/l	99
64) Tetrachloroethene	10.60	164	84769	18.376	ug/l	98
65) Chlorobenzene	11.40	112	187013	18.359	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	71313	18.801	ug/l	99
67) Ethyl Benzene	11.48	91	324314	18.420	ug/l	99
68) m/p-Xylenes	11.59	106	256407	36.729	ug/l	99
69) o-Xylene	11.92	106	123729	18.660	ug/l	100
70) Styrene	11.94	104	198406	18.069	ug/l	99
71) Bromoform	12.10	173	50359	17.230	ug/l #	99
73) Isopropylbenzene	12.22	105	326970	18.775	ug/l	98
74) N-amyl acetate	12.04	43	89876	16.387	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	86734	17.772	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	80759m	18.613	ug/l	
77) Bromobenzene	12.50	156	83154	18.705	ug/l	99
78) n-propylbenzene	12.56	91	359111	18.470	ug/l	99
79) 2-Chlorotoluene	12.65	91	209881	18.104	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	271813	18.673	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	27363	16.127	ug/l	94
82) 4-Chlorotoluene	12.75	91	221574	18.168	ug/l	100
83) tert-Butylbenzene	12.97	119	236606	18.397	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	270373	18.697	ug/l	99
85) sec-Butylbenzene	13.15	105	307732	18.569	ug/l	99
86) p-Isopropyltoluene	13.26	119	283926	18.603	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	146890	18.660	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	147491	18.392	ug/l	99
89) n-Butylbenzene	13.59	91	237239	18.558	ug/l	99
90) Hexachloroethane	13.85	117	33486	19.839	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	144478	19.205	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16647	16.725	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	82421	18.733	ug/l	98
94) Hexachlorobutadiene	14.98	225	35807	19.082	ug/l	98
95) Naphthalene	15.10	128	236866	17.688	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	80715	18.659	ug/l	99

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

