

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
 Data File : VN060103.D
 Acq On : 14 Feb 2020 12:05
 Operator : JC/MD
 Sample : VN0214MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/18/2020 9:30:25 AM

Quant Time: Feb 15 02:59:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	186580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	298504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	275239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132143	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	115394	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	7.56	113	89352	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	10.08	98	354211	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.40	95	127240	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42774	22.935	ug/l	100
3) Chloromethane	2.04	50	52234	23.535	ug/l	94
4) Vinyl Chloride	2.17	62	58456	23.107	ug/l	99
5) Bromomethane	2.55	94	33567	21.640	ug/l	99
6) Chloroethane	2.69	64	29525	23.075	ug/l	99
7) Trichlorofluoromethane	3.00	101	70587	21.642	ug/l	99
8) Diethyl Ether	3.39	74	25073	23.094	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.74	101	40642	22.444	ug/l	97
10) Methyl Iodide	3.93	142	52600	23.028	ug/l	100
11) Tert butyl alcohol	4.73	59	38972	114.709	ug/l	100
12) 1,1-Dichloroethene	3.72	96	39842	22.586	ug/l	98
13) Acrolein	3.58	56	26919	80.159	ug/l	95
14) Allyl chloride	4.29	41	59126	22.772	ug/l	98
15) Acrylonitrile	4.94	53	100510	121.139	ug/l	99
16) Acetone	3.78	43	109324	110.393	ug/l	98
17) Carbon Disulfide	4.03	76	117204	22.043	ug/l	100
18) Methyl Acetate	4.29	43	45473	24.444	ug/l	96
19) Methyl tert-butyl Ether	5.00	73	132745	22.376	ug/l	99
20) Methylene Chloride	4.52	84	44477	22.511	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	42343	22.020	ug/l	95
22) Diisopropyl ether	5.91	45	133790	23.512	ug/l	98
23) Vinyl Acetate	5.86	43	568098	118.886	ug/l	98
24) 1,1-Dichloroethane	5.82	63	79430	23.043	ug/l	98
25) 2-Butanone	6.80	43	144060	115.664	ug/l	95
26) 2,2-Dichloropropane	6.80	77	73902	22.572	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	49348	21.928	ug/l	97
28) Bromochloromethane	7.17	49	26489	19.547	ug/l	94
29) Tetrahydrofuran	7.18	42	89516	117.154	ug/l	97
30) Chloroform	7.35	83	81212	22.491	ug/l	100
31) Cyclohexane	7.63	56	75419	23.487	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	71692	21.726	ug/l	99
36) 1,1-Dichloropropene	7.77	75	61256	22.155	ug/l	99
37) Ethyl Acetate	6.90	43	58484	23.405	ug/l	99
38) Carbon Tetrachloride	7.75	117	63055	20.999	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	75298	21.939	ug/l	97
40) Benzene	8.02	78	179732	21.914	ug/l	98
41) Methacrylonitrile	7.15	41	23503m	22.428	ug/l	
42) 1,2-Dichloroethane	8.10	62	64574	22.464	ug/l	100
43) Isopropyl Acetate	8.14	43	99138	23.209	ug/l	99
44) Trichloroethene	8.82	130	48551	21.379	ug/l	99
45) 1,2-Dichloropropane	9.10	63	46487	22.894	ug/l	99
46) Dibromomethane	9.19	93	30596	21.323	ug/l	99
47) Bromodichloromethane	9.38	83	63398	21.732	ug/l	99
48) Methyl methacrylate	9.18	41	43070	22.473	ug/l	95
49) 1,4-Dioxane	9.18	88	15277	466.546	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	288948	116.869	ug/l	98
52) Toluene	10.14	92	115073	21.879	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	73123	22.206	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	76384	22.029	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	44431	21.654	ug/l	97
56) Ethyl methacrylate	10.42	69	63873	22.006	ug/l	96
57) 1,3-Dichloropropane	10.70	76	75188	22.208	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	124501	92.071	ug/l	98
59) 2-Hexanone	10.74	43	217962	114.123	ug/l	98
60) Dibromochloromethane	10.89	129	48621	20.650	ug/l	98
61) 1,2-Dibromoethane	11.00	107	45493	21.151	ug/l	100
64) Tetrachloroethene	10.62	164	44259	21.153	ug/l	97
65) Chlorobenzene	11.43	112	119396	21.292	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	46195	21.776	ug/l	99
67) Ethyl Benzene	11.50	91	221639	21.915	ug/l	100
68) m/p-Xylenes	11.62	106	165122	43.501	ug/l	99
69) o-Xylene	11.94	106	79457	21.741	ug/l	99
70) Styrene	11.96	104	125189	21.242	ug/l	99
71) Bromoform	12.12	173	34821	20.408	ug/l #	99
73) Isopropylbenzene	12.24	105	214599	21.747	ug/l	99
74) N-amyl acetate	12.06	43	85251	23.959	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	65645	23.112	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	56803m	22.468	ug/l	
77) Bromobenzene	12.52	156	51215	20.914	ug/l	94
78) n-propylbenzene	12.59	91	249031	22.151	ug/l	98
79) 2-Chlorotoluene	12.67	91	144701	21.898	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	179627	21.893	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	22698	21.983	ug/l	98
82) 4-Chlorotoluene	12.77	91	147816	21.803	ug/l	99
83) tert-Butylbenzene	12.99	119	154429	21.277	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	178605	22.053	ug/l	100
85) sec-Butylbenzene	13.17	105	208176	21.658	ug/l	100
86) p-Isopropyltoluene	13.28	119	189192	21.724	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	92804	21.409	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	93558	21.587	ug/l	99
89) n-Butylbenzene	13.61	91	169552	22.135	ug/l	99
90) Hexachloroethane	13.87	117	34473	21.188	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	91521	21.574	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	13665	22.198	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	55473	22.255	ug/l	99
94) Hexachlorobutadiene	15.01	225	30801	21.108	ug/l	98
95) Naphthalene	15.13	128	149156	22.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	54186	21.829	ug/l	99

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

