

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012820\
 Data File : VN059890.D
 Acq On : 28 Jan 2020 12:03
 Operator : JC/MD
 Sample : VN0128MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 11:04:10 AM

Quant Time: Jan 28 12:47:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	211013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	321481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136699	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	113495	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	7.56	113	96585	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	10.08	98	364237	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
62) 4-Bromofluorobenzene	12.40	95	127687	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	44336	17.481	ug/l	95
3) Chloromethane	2.04	50	41657	17.243	ug/l	100
4) Vinyl Chloride	2.17	62	54325	19.654	ug/l	98
5) Bromomethane	2.54	94	33027	19.579	ug/l	100
6) Chloroethane	2.68	64	25264	19.319	ug/l	100
7) Trichlorofluoromethane	3.00	101	65787	19.818	ug/l	99
8) Diethyl Ether	3.38	74	23402	20.088	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.73	101	38688	20.940	ug/l	93
10) Methyl Iodide	3.93	142	56330	18.862	ug/l	95
11) Tert butyl alcohol	4.72	59	37625	95.376	ug/l	98
12) 1,1-Dichloroethene	3.71	96	36290	18.798	ug/l	89
13) Acrolein	3.57	56	16859	60.372	ug/l	95
14) Allyl chloride	4.29	41	48604	18.678	ug/l #	84
15) Acrylonitrile	4.94	53	86671	96.316	ug/l	98
16) Acetone	3.78	43	86119	101.816	ug/l	97
17) Carbon Disulfide	4.03	76	92207	16.766	ug/l	99
18) Methyl Acetate	4.29	43	52193	19.068	ug/l #	91
19) Methyl tert-butyl Ether	5.00	73	126015	20.020	ug/l	96
20) Methylene Chloride	4.52	84	42489	19.245	ug/l #	82
21) trans-1,2-Dichloroethene	5.01	96	39725	19.358	ug/l	84
22) Diisopropyl ether	5.91	45	114660	19.444	ug/l #	92
23) Vinyl Acetate	5.86	43	431682	94.549	ug/l #	93
24) 1,1-Dichloroethane	5.81	63	70344	19.523	ug/l	98
25) 2-Butanone	6.80	43	115884	87.326	ug/l	90
26) 2,2-Dichloropropane	6.79	77	67928	19.610	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	46765	19.813	ug/l	87
28) Bromochloromethane	7.17	49	28029	19.463	ug/l #	71
29) Tetrahydrofuran	7.18	42	73885	89.988	ug/l #	87
30) Chloroform	7.35	83	76339	20.448	ug/l	98
31) Cyclohexane	7.63	56	62813	18.117	ug/l #	84
32) 1,1,1-Trichloroethane	7.55	97	69618	20.168	ug/l	95
36) 1,1-Dichloropropene	7.77	75	54338	19.409	ug/l	95
37) Ethyl Acetate	6.90	43	47154	17.958	ug/l	96
38) Carbon Tetrachloride	7.75	117	62117	20.397	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	64711	18.746	ug/l	92
40) Benzene	8.02	78	162843	19.504	ug/l	100
41) Methacrylonitrile	7.15	41	19975m	15.445	ug/l	
42) 1,2-Dichloroethane	8.10	62	57271	20.231	ug/l	96
43) Isopropyl Acetate	8.14	43	83225	18.427	ug/l #	94
44) Trichloroethene	8.82	130	47363	20.780	ug/l	90
45) 1,2-Dichloropropane	9.10	63	41979	20.318	ug/l	99
46) Dibromomethane	9.19	93	29486	20.232	ug/l	91
47) Bromodichloromethane	9.38	83	61479	20.933	ug/l	97
48) Methyl methacrylate	9.18	41	36031	17.836	ug/l	88
49) 1,4-Dioxane	9.18	88	15057	407.142	ug/l	91
51) 4-Methyl-2-Pentanone	9.97	43	237281	90.885	ug/l	94
52) Toluene	10.14	92	105627	20.029	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	65721	20.041	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	69935	20.268	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	42745	20.464	ug/l	96
56) Ethyl methacrylate	10.42	69	58585	18.356	ug/l	93
57) 1,3-Dichloropropane	10.70	76	69427	20.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	96431	100.311	ug/l	92
59) 2-Hexanone	10.74	43	170688	88.744	ug/l	92
60) Dibromochloromethane	10.89	129	48311	20.311	ug/l	98
61) 1,2-Dibromoethane	10.99	107	44530	20.340	ug/l	98
64) Tetrachloroethene	10.62	164	51052	21.510	ug/l	96
65) Chlorobenzene	11.43	112	116063	20.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	45937	20.770	ug/l	99
67) Ethyl Benzene	11.50	91	204323	19.665	ug/l	96
68) m/p-Xylenes	11.62	106	155556	39.633	ug/l	94
69) o-Xylene	11.94	106	75948	19.765	ug/l	94
70) Styrene	11.96	104	122162	18.999	ug/l	97
71) Bromoform	12.12	173	35554	20.069	ug/l #	98
73) Isopropylbenzene	12.24	105	206866	20.634	ug/l	100
74) N-amyl acetate	12.06	43	68784	17.681	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	56794	19.541	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	52117m	22.655	ug/l	
77) Bromobenzene	12.52	156	52690	20.754	ug/l	79
78) n-propylbenzene	12.59	91	227574	20.224	ug/l	97
79) 2-Chlorotoluene	12.67	91	135228	20.201	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	170096	20.174	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	19919	18.594	ug/l	94
82) 4-Chlorotoluene	12.77	91	136716	20.362	ug/l	95
83) tert-Butylbenzene	12.99	119	149711	20.531	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	171533	20.564	ug/l	99
85) sec-Butylbenzene	13.17	105	192050	20.046	ug/l	99
86) p-Isopropyltoluene	13.28	119	177230	19.992	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	90360	20.489	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	89332	20.305	ug/l	97
89) n-Butylbenzene	13.61	91	148700	19.673	ug/l	98
90) Hexachloroethane	13.87	117	32470	19.576	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	87597	20.092	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12242	18.300	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50319	19.208	ug/l	99
94) Hexachlorobutadiene	15.01	225	29584	20.492	ug/l	98
95) Naphthalene	15.13	128	128548	17.251	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	48117	18.870	ug/l	99

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

