

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012720\
 Data File : VN059866.D
 Acq On : 27 Jan 2020 12:42
 Operator : JC/MD
 Sample : VN0127MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 9:24:32 AM

Quant Time: Jan 27 15:46:12 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	193309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	297504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	266971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	112098	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.56	113	95505	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	10.08	98	351348	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.40	95	123174	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42035	18.110	ug/l	96
3) Chloromethane	2.04	50	39586	17.887	ug/l	99
4) Vinyl Chloride	2.17	62	50253	19.846	ug/l	97
5) Bromomethane	2.54	94	30805	19.934	ug/l	96
6) Chloroethane	2.68	64	23470	19.591	ug/l	94
7) Trichlorofluoromethane	3.00	101	61149	20.108	ug/l	98
8) Diethyl Ether	3.38	74	22376	20.966	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35850	21.181	ug/l	92
10) Methyl Iodide	3.93	142	53172	19.436	ug/l	95
11) Tert butyl alcohol	4.72	59	36812	101.861	ug/l	100
12) 1,1-Dichloroethene	3.71	96	34403	19.452	ug/l	87
13) Acrolein	3.58	56	17144	67.015	ug/l	100
14) Allyl chloride	4.29	41	46253	19.403	ug/l #	86
15) Acrylonitrile	4.94	53	84533	102.543	ug/l	99
16) Acetone	3.78	43	85367	111.026	ug/l	96
17) Carbon Disulfide	4.03	76	88060	17.479	ug/l	98
18) Methyl Acetate	4.29	43	53116	21.182	ug/l #	91
19) Methyl tert-butyl Ether	5.00	73	122845	21.304	ug/l	94
20) Methylene Chloride	4.52	84	40028	19.828	ug/l	88
21) trans-1,2-Dichloroethene	5.01	96	37434	19.912	ug/l	86
22) Diisopropyl ether	5.91	45	109756	20.317	ug/l #	93
23) Vinyl Acetate	5.86	43	419438	100.281	ug/l #	95
24) 1,1-Dichloroethane	5.81	63	65191	19.750	ug/l	95
25) 2-Butanone	6.80	43	113464	93.333	ug/l	91
26) 2,2-Dichloropropane	6.79	77	62219	19.606	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	44597	20.625	ug/l	86
28) Bromochloromethane	7.17	49	27939	21.177	ug/l #	72
29) Tetrahydrofuran	7.18	42	72914	96.938	ug/l	88
30) Chloroform	7.35	83	71626	20.943	ug/l	99
31) Cyclohexane	7.63	56	57840	18.210	ug/l	88
32) 1,1,1-Trichloroethane	7.54	97	64779	20.485	ug/l	95
36) 1,1-Dichloropropene	7.77	75	50788	19.603	ug/l	95
37) Ethyl Acetate	6.90	43	46839	19.276	ug/l #	96
38) Carbon Tetrachloride	7.75	117	57145	20.277	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	61580	19.277	ug/l	91
40) Benzene	8.02	78	154626	20.012	ug/l	98
41) Methacrylonitrile	7.15	41	19742m	16.495	ug/l	
42) 1,2-Dichloroethane	8.10	62	55284	21.103	ug/l	96
43) Isopropyl Acetate	8.14	43	81623	19.529	ug/l #	94
44) Trichloroethene	8.82	130	46264	21.933	ug/l	91
45) 1,2-Dichloropropane	9.10	63	38927	20.360	ug/l	99
46) Dibromomethane	9.19	93	28614	21.216	ug/l	91
47) Bromodichloromethane	9.38	83	57885	21.298	ug/l	98
48) Methyl methacrylate	9.18	41	34590	18.502	ug/l	86
49) 1,4-Dioxane	9.18	88	14760	431.277	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	232303	96.149	ug/l	94
52) Toluene	10.14	92	99254	20.337	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	63079	20.786	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	66239	20.744	ug/l	92
55) 1,1,2-Trichloroethane	10.55	97	41018	21.220	ug/l	98
56) Ethyl methacrylate	10.42	69	57169	19.356	ug/l	92
57) 1,3-Dichloropropane	10.70	76	66409	21.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	94895	106.669	ug/l	91
59) 2-Hexanone	10.74	43	169708	95.345	ug/l	95
60) Dibromochloromethane	10.89	129	47361	21.516	ug/l	100
61) 1,2-Dibromoethane	10.99	107	42487	20.971	ug/l	99
64) Tetrachloroethene	10.62	164	47436	21.801	ug/l	95
65) Chlorobenzene	11.43	112	109408	20.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	43404	21.407	ug/l	99
67) Ethyl Benzene	11.50	91	190773	20.027	ug/l	98
68) m/p-Xylenes	11.62	106	144994	40.296	ug/l	94
69) o-Xylene	11.94	106	70746	20.083	ug/l	94
70) Styrene	11.96	104	115484	19.591	ug/l	97
71) Bromoform	12.12	173	35009	21.556	ug/l #	100
73) Isopropylbenzene	12.25	105	188719	20.306	ug/l	98
74) N-amyl acetate	12.07	43	65645	18.203	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	54456	20.211	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	47907m	22.464	ug/l	
77) Bromobenzene	12.52	156	50428	21.426	ug/l	78
78) n-propylbenzene	12.59	91	209418	20.075	ug/l	97
79) 2-Chlorotoluene	12.67	91	126518	20.387	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	158981	20.340	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19564	19.700	ug/l	96
82) 4-Chlorotoluene	12.77	91	126961	20.397	ug/l	95
83) tert-Butylbenzene	12.99	119	138205	20.444	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	160461	20.751	ug/l	99
85) sec-Butylbenzene	13.17	105	179800	20.244	ug/l	98
86) p-Isopropyltoluene	13.29	119	166134	20.215	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	84640	20.703	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	83813	20.550	ug/l	97
89) n-Butylbenzene	13.61	91	140009	19.981	ug/l	98
90) Hexachloroethane	13.87	117	30571	19.882	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	84146	20.819	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11384	18.364	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48912	20.140	ug/l	99
94) Hexachlorobutadiene	15.01	225	27283	20.386	ug/l	97
95) Naphthalene	15.13	128	128454	18.595	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	47310	20.013	ug/l	100

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

