

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061383.D
 Acq On : 11 May 2020 12:36
 Operator : JC/MD
 Sample : VN0511MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511MBS01

Manual Integrations
 APPROVED

sam
 5/12/2020 3:34:12 PM

Quant Time: May 12 08:57:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	92500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	155494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	146562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	68234	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	77648	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	7.54	113	45665	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.06	98	198695	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.37	95	73454	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	17011	17.342	ug/l	99
3) Chloromethane	2.03	50	22963	19.329	ug/l	99
4) Vinyl Chloride	2.16	62	24400	18.083	ug/l	100
5) Bromomethane	2.54	94	10786	16.171	ug/l	99
6) Chloroethane	2.67	64	15341	17.938	ug/l	99
7) Trichlorofluoromethane	2.98	101	32052	21.055	ug/l	99
8) Diethyl Ether	3.37	74	13538	21.321	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	19384	19.765	ug/l	99
10) Methyl Iodide	3.91	142	19070	15.130	ug/l	99
11) Tert butyl alcohol	4.72	59	20481	104.460	ug/l	98
12) 1,1-Dichloroethene	3.69	96	17810	18.249	ug/l	99
13) Acrolein	3.56	56	8397	64.267	ug/l	98
14) Allyl chloride	4.27	41	39511	21.834	ug/l	97
15) Acrylonitrile	4.93	53	62983	104.646	ug/l	98
16) Acetone	3.77	43	59176	101.253	ug/l	98
17) Carbon Disulfide	4.01	76	39520	14.659	ug/l	97
18) Methyl Acetate	4.27	43	35954	19.875	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	72807	19.523	ug/l	99
20) Methylene Chloride	4.50	84	22335	19.570	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	19700	18.537	ug/l	99
22) Diisopropyl ether	5.90	45	86268	20.558	ug/l	95
23) Vinyl Acetate	5.84	43	332107	98.292	ug/l	100
24) 1,1-Dichloroethane	5.79	63	43322	19.759	ug/l	99
25) 2-Butanone	6.78	43	86227	99.560	ug/l	99
26) 2,2-Dichloropropane	6.77	77	35834	19.404	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	23766	19.057	ug/l	99
28) Bromochloromethane	7.15	49	24608	23.680	ug/l	96
29) Tetrahydrofuran	7.16	42	58391	100.086	ug/l	97
30) Chloroform	7.33	83	42916	19.316	ug/l	100
31) Cyclohexane	7.61	56	34247	16.084	ug/l #	93
32) 1,1,1-Trichloroethane	7.53	97	35301	18.246	ug/l	99
36) 1,1-Dichloropropene	7.75	75	29175	18.743	ug/l	99
37) Ethyl Acetate	6.88	43	36849	20.193	ug/l	99
38) Carbon Tetrachloride	7.73	117	26792	20.289	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	27637	15.832	ug/l	98
40) Benzene	8.00	78	89545	19.309	ug/l	100
41) Methacrylonitrile	7.12	41	17003	22.441	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	36216	20.615	ug/l	100
43) Isopropyl Acetate	8.12	43	59769	19.736	ug/l	100
44) Trichloroethene	8.80	130	22178	17.691	ug/l	99
45) 1,2-Dichloropropane	9.08	63	25314	20.432	ug/l	98
46) Dibromomethane	9.17	93	15674	20.433	ug/l	99
47) Bromodichloromethane	9.37	83	34089	20.704	ug/l	98
48) Methyl methacrylate	9.17	41	26407	19.323	ug/l	99
49) 1,4-Dioxane	9.17	88	6776	436.803	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	183588	102.988	ug/l	99
52) Toluene	10.12	92	54065	19.356	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	36225	19.526	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	38846	19.805	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	22518	20.211	ug/l	97
56) Ethyl methacrylate	10.40	69	32662	18.633	ug/l	98
57) 1,3-Dichloropropane	10.68	76	40648	20.756	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	84784	94.012	ug/l	98
59) 2-Hexanone	10.72	43	129875	100.144	ug/l	100
60) Dibromochloromethane	10.87	129	23352	20.012	ug/l	100
61) 1,2-Dibromoethane	10.98	107	21835	19.553	ug/l	99
64) Tetrachloroethene	10.60	164	21010	16.551	ug/l	99
65) Chlorobenzene	11.41	112	55474	19.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	20797	19.987	ug/l	99
67) Ethyl Benzene	11.48	91	99555	18.292	ug/l	100
68) m/p-Xylenes	11.59	106	72818	36.554	ug/l	98
69) o-Xylene	11.92	106	34075	17.807	ug/l	97
70) Styrene	11.94	104	59138	18.465	ug/l	99
71) Bromoform	12.10	173	15297	20.003	ug/l #	100
73) Isopropylbenzene	12.22	105	93429	18.625	ug/l	100
74) N-amyl acetate	12.04	43	47204	18.584	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	33424	21.369	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	32492m	22.587	ug/l	
77) Bromobenzene	12.50	156	22286	19.246	ug/l	94
78) n-propylbenzene	12.56	91	112156	18.850	ug/l	99
79) 2-Chlorotoluene	12.65	91	67571	19.322	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	78328	18.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	11074	19.549	ug/l	96
82) 4-Chlorotoluene	12.75	91	71010	19.266	ug/l	98
83) tert-Butylbenzene	12.97	119	63822	18.231	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	79465	18.578	ug/l	99
85) sec-Butylbenzene	13.15	105	85746	17.965	ug/l	98
86) p-Isopropyltoluene	13.26	119	75227	17.494	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	41572	19.502	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	41795	19.189	ug/l	98
89) n-Butylbenzene	13.59	91	68004	17.250	ug/l	99
90) Hexachloroethane	13.85	117	10600	27.654	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	40310	19.721	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	6453	19.534	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	22390	17.989	ug/l	100
94) Hexachlorobutadiene	14.99	225	10482	20.158	ug/l	98
95) Naphthalene	15.11	128	68380	16.869	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	22353	18.190	ug/l	99

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

