

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062340.D
 Acq On : 2 Jul 2020 18:06
 Operator : JC/MD
 Sample : VN0702MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702MBS01

Manual Integrations
 APPROVED

sam
 7/6/2020 11:34:11 AM

Quant Time: Jul 03 02:09:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	137930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	258550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	239683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	103488	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	116384	60.13	ug/l	0.00
Spiked Amount			Recovery	=	120.26%	
35) Dibromofluoromethane	7.55	113	88339	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
50) Toluene-d8	10.06	98	341298	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.37	95	112995	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	25214	16.173	ug/l	99
3) Chloromethane	2.03	50	35760	18.644	ug/l	98
4) Vinyl Chloride	2.16	62	40942	16.676	ug/l	98
5) Bromomethane	2.53	94	27695	17.453	ug/l	97
6) Chloroethane	2.67	64	27886	16.627	ug/l	99
7) Trichlorofluoromethane	2.98	101	48060	15.886	ug/l	98
8) Diethyl Ether	3.37	74	21962	20.790	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29967	18.915	ug/l	96
10) Methyl Iodide	3.91	142	33219	18.618	ug/l	99
11) Tert butyl alcohol	4.74	59	31844	114.583	ug/l	98
12) 1,1-Dichloroethene	3.69	96	28700	18.121	ug/l	91
13) Acrolein	3.57	56	21415	78.705	ug/l	100
14) Allyl chloride	4.27	41	46250	21.449	ug/l	93
15) Acrylonitrile	4.93	53	84370	111.406	ug/l	98
16) Acetone	3.78	43	74313	120.210	ug/l	98
17) Carbon Disulfide	4.01	76	78699	17.381	ug/l	100
18) Methyl Acetate	4.28	43	37622	24.451	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	105323	20.811	ug/l	97
20) Methylene Chloride	4.50	84	38962	21.805	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	32216	17.856	ug/l	96
22) Diisopropyl ether	5.90	45	105909	21.572	ug/l	92
23) Vinyl Acetate	5.84	43	435412	108.624	ug/l	99
24) 1,1-Dichloroethane	5.80	63	64805	20.498	ug/l	98
25) 2-Butanone	6.79	43	109158	115.376	ug/l	95
26) 2,2-Dichloropropane	6.78	77	51025	19.368	ug/l	95
27) cis-1,2-Dichloroethene	6.78	96	38245	18.838	ug/l	96
28) Bromochloromethane	7.15	49	28622	20.866	ug/l	87
29) Tetrahydrofuran	7.17	42	71709	115.707	ug/l	95
30) Chloroform	7.33	83	63273	19.671	ug/l	100
31) Cyclohexane	7.62	56	49791	18.619	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	51226	18.884	ug/l	97
36) 1,1-Dichloropropene	7.75	75	44676	17.191	ug/l	97
37) Ethyl Acetate	6.88	43	47160	21.915	ug/l	98
38) Carbon Tetrachloride	7.73	117	40455	16.511	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	47314	16.616	ug/l	96
40) Benzene	8.00	78	144166	18.200	ug/l	99
41) Methacrylonitrile	7.12	41	18353	18.396	ug/l	94
42) 1,2-Dichloroethane	8.09	62	52492	19.614	ug/l	98
43) Isopropyl Acetate	8.13	43	74156	21.139	ug/l	98
44) Trichloroethene	8.80	130	32451	16.241	ug/l	97
45) 1,2-Dichloropropane	9.09	63	38121	19.508	ug/l	100
46) Dibromomethane	9.18	93	24776	18.700	ug/l	94
47) Bromodichloromethane	9.37	83	50419	18.847	ug/l	97
48) Methyl methacrylate	9.17	41	31600	20.090	ug/l	96
49) 1,4-Dioxane	9.17	88	14282	409.447	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	227162	110.832	ug/l	97
52) Toluene	10.12	92	86922	17.985	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	54236	18.427	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	58655	18.719	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	36345	19.131	ug/l	98
56) Ethyl methacrylate	10.40	69	49446	19.502	ug/l	92
57) 1,3-Dichloropropane	10.68	76	63080	19.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	99757	102.564	ug/l	97
59) 2-Hexanone	10.72	43	162560	109.837	ug/l	96
60) Dibromochloromethane	10.87	129	36820	18.306	ug/l	96
61) 1,2-Dibromoethane	10.98	107	35661	18.268	ug/l	98
64) Tetrachloroethene	10.60	164	24794	15.144	ug/l	94
65) Chlorobenzene	11.41	112	92167	17.511	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	32849	18.048	ug/l	99
67) Ethyl Benzene	11.48	91	158565	17.838	ug/l	100
68) m/p-Xylenes	11.60	106	120462	35.036	ug/l	97
69) o-Xylene	11.92	106	56559	17.435	ug/l	96
70) Styrene	11.94	104	95036	17.566	ug/l	98
71) Bromoform	12.10	173	22863	17.668	ug/l #	97
73) Isopropylbenzene	12.22	105	151497	18.912	ug/l	99
74) N-amyl acetate	12.05	43	57863	21.653	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	56178	21.074	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	51002m	20.935	ug/l	
77) Bromobenzene	12.50	156	35130	17.664	ug/l	88
78) n-propylbenzene	12.57	91	173248	18.907	ug/l	99
79) 2-Chlorotoluene	12.65	91	107030	19.321	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	124781	19.215	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	16657	19.968	ug/l	93
82) 4-Chlorotoluene	12.75	91	110086	19.217	ug/l	97
83) tert-Butylbenzene	12.97	119	101955	18.345	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	122311	18.858	ug/l	98
85) sec-Butylbenzene	13.15	105	139676	19.020	ug/l	100
86) p-Isopropyltoluene	13.26	119	118586	18.431	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	63411	18.157	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	62587	17.385	ug/l	97
89) n-Butylbenzene	13.59	91	94434	17.654	ug/l	98
90) Hexachloroethane	13.85	117	23811	18.863	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	61576	18.182	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9766	22.869	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	24000	16.222	ug/l	98
94) Hexachlorobutadiene	14.98	225	11577	18.017	ug/l	98
95) Naphthalene	15.10	128	70094	17.069	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	25176	16.643	ug/l	99

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

