

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062132.D
 Acq On : 26 Jun 2020 12:12
 Operator : JC/MD
 Sample : VN0626MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:31 PM

Quant Time: Jun 27 04:11:37 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	7.62	168	236147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	375206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	154661	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	7.55	113	129566	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	10.06	98	494118	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
62) 4-Bromofluorobenzene	12.37	95	165943	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	49517	18.551	ug/l	99
3) Chloromethane	2.03	50	60102	18.277	ug/l	100
4) Vinyl Chloride	2.16	62	73213	17.417	ug/l	100
5) Bromomethane	2.53	94	51999	19.140	ug/l	93
6) Chloroethane	2.67	64	51439	17.914	ug/l	99
7) Trichlorofluoromethane	2.98	101	94591	18.262	ug/l	100
8) Diethyl Ether	3.37	74	34859	19.274	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51210	18.880	ug/l	99
10) Methyl Iodide	3.91	142	59742	19.557	ug/l	99
11) Tert butyl alcohol	4.73	59	44969	94.511	ug/l	99
12) 1,1-Dichloroethene	3.69	96	50133	18.489	ug/l	95
13) Acrolein	3.56	56	32404	69.560	ug/l	99
14) Allyl chloride	4.27	41	67436	18.267	ug/l	97
15) Acrylonitrile	4.93	53	122578	94.538	ug/l	99
16) Acetone	3.77	43	97703	91.357	ug/l	97
17) Carbon Disulfide	4.01	76	136921	17.662	ug/l	99
18) Methyl Acetate	4.28	43	50193	19.053	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	174663	20.158	ug/l	100
20) Methylene Chloride	4.50	84	61832	20.196	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	55294	17.900	ug/l	97
22) Diisopropyl ether	5.90	45	155073	18.449	ug/l	95
23) Vinyl Acetate	5.84	43	643109	93.710	ug/l	99
24) 1,1-Dichloroethane	5.79	63	98038	18.112	ug/l	100
25) 2-Butanone	6.78	43	148538	91.701	ug/l	99
26) 2,2-Dichloropropane	6.77	77	84148	18.656	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	65215	18.762	ug/l	96
28) Bromochloromethane	7.15	49	40820	17.381	ug/l	93
29) Tetrahydrofuran	7.17	42	101305	95.476	ug/l	98
30) Chloroform	7.33	83	101509	18.432	ug/l	98
31) Cyclohexane	7.61	56	81179	17.730	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	88036	18.956	ug/l	98
36) 1,1-Dichloropropene	7.75	75	74735	18.048	ug/l	99
37) Ethyl Acetate	6.88	43	64080	18.689	ug/l	99
38) Carbon Tetrachloride	7.73	117	74729	19.142	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	83012	18.297	ug/l	97
40) Benzene	8.00	78	231253	18.323	ug/l	98
41) Methacrylonitrile	7.12	41	24403	15.351	ug/l #	86
42) 1,2-Dichloroethane	8.09	62	80548	18.889	ug/l	99
43) Isopropyl Acetate	8.12	43	107094	19.160	ug/l	100
44) Trichloroethene	8.80	130	60723	19.073	ug/l	93
45) 1,2-Dichloropropane	9.08	63	58345	18.738	ug/l	98
46) Dibromomethane	9.18	93	40989	19.416	ug/l	97
47) Bromodichloromethane	9.37	83	82105	19.262	ug/l	98
48) Methyl methacrylate	9.17	41	45361	18.100	ug/l	96
49) 1,4-Dioxane	9.17	88	20955	377.039	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	318899	97.650	ug/l	99
52) Toluene	10.12	92	146355	19.005	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	88498	18.871	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	96558	19.340	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	60710	20.056	ug/l	98
56) Ethyl methacrylate	10.40	69	78790	19.504	ug/l	98
57) 1,3-Dichloropropane	10.68	76	101861	19.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	133963	88.973	ug/l	96
59) 2-Hexanone	10.72	43	222455	94.334	ug/l	98
60) Dibromochloromethane	10.87	129	63203	19.721	ug/l	98
61) 1,2-Dibromoethane	10.98	107	60803	19.548	ug/l	98
64) Tetrachloroethene	10.60	164	49864	19.455	ug/l	98
65) Chlorobenzene	11.40	112	159615	19.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	57337	20.124	ug/l	98
67) Ethyl Benzene	11.48	91	269478	19.365	ug/l	99
68) m/p-Xylenes	11.60	106	209642	38.950	ug/l	99
69) o-Xylene	11.92	106	100170	19.725	ug/l	99
70) Styrene	11.94	104	161712	19.094	ug/l	99
71) Bromoform	12.10	173	40902	20.191	ug/l #	95
73) Isopropylbenzene	12.22	105	263318	20.000	ug/l	100
74) N-amyl acetate	12.05	43	81628	19.059	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	84078	19.190	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	75438m	18.841	ug/l	
77) Bromobenzene	12.50	156	65996	20.191	ug/l	94
78) n-propylbenzene	12.56	91	292584	19.428	ug/l	98
79) 2-Chlorotoluene	12.65	91	172458	18.942	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	214492	20.097	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25054	18.274	ug/l	99
82) 4-Chlorotoluene	12.75	91	179050	19.018	ug/l	98
83) tert-Butylbenzene	12.97	119	184696	20.221	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	215333	20.201	ug/l	99
85) sec-Butylbenzene	13.15	105	236398	19.587	ug/l	98
86) p-Isopropyltoluene	13.26	119	213468	20.188	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	111545	19.434	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	111470	18.840	ug/l	99
89) n-Butylbenzene	13.59	91	167094	19.007	ug/l	99
90) Hexachloroethane	13.85	117	38437	18.527	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	112802	20.267	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13091	18.652	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	48749	20.049	ug/l	99
94) Hexachlorobutadiene	14.98	225	22108	20.934	ug/l	99
95) Naphthalene	15.10	128	138669	19.733	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	50220	20.199	ug/l	99

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

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