

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059813.D
 Acq On : 21 Jan 2020 17:11
 Operator : JC/MD
 Sample : VN0121MBS03
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS03

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 11:15:10 AM

Quant Time: Jan 22 03:39:17 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	200644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	307909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	275165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	111703	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	7.56	113	94666	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
50) Toluene-d8	10.08	98	356689	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	125843	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45875	19.069	ug/l	99
3) Chloromethane	2.04	50	42416	18.465	ug/l	99
4) Vinyl Chloride	2.17	62	53821	20.478	ug/l	98
5) Bromomethane	2.55	94	32975	20.558	ug/l	97
6) Chloroethane	2.69	64	24993	20.100	ug/l	98
7) Trichlorofluoromethane	3.00	101	64985	20.588	ug/l	99
8) Diethyl Ether	3.38	74	22528	20.337	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37494	21.343	ug/l	92
10) Methyl Iodide	3.93	142	55427	19.519	ug/l	95
11) Tert butyl alcohol	4.73	59	38099	101.569	ug/l	96
12) 1,1-Dichloroethene	3.71	96	35859	19.534	ug/l	88
13) Acrolein	3.58	56	16155	60.841	ug/l	100
14) Allyl chloride	4.29	41	46990	18.991	ug/l #	85
15) Acrylonitrile	4.94	53	85833	100.314	ug/l	99
16) Acetone	3.78	43	80329	99.680	ug/l	94
17) Carbon Disulfide	4.03	76	95699	18.301	ug/l	100
18) Methyl Acetate	4.29	43	51725	19.874	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	122287	20.432	ug/l	94
20) Methylene Chloride	4.52	84	41032	19.566	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	37861	19.403	ug/l	88
22) Diisopropyl ether	5.91	45	111398	19.867	ug/l #	90
23) Vinyl Acetate	5.86	43	427873	98.558	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	67370	19.664	ug/l	97
25) 2-Butanone	6.80	43	115581	91.599	ug/l #	89
26) 2,2-Dichloropropane	6.80	77	65095	19.763	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	45259	20.166	ug/l	88
28) Bromochloromethane	7.17	49	27442	20.040	ug/l #	69
29) Tetrahydrofuran	7.18	42	73172	93.725	ug/l #	86
30) Chloroform	7.35	83	72836	20.518	ug/l	98
31) Cyclohexane	7.63	56	61075	18.526	ug/l	91
32) 1,1,1-Trichloroethane	7.54	97	67142	20.456	ug/l	96
36) 1,1-Dichloropropene	7.77	75	52700	19.654	ug/l	95
37) Ethyl Acetate	6.89	43	49070	19.512	ug/l	98
38) Carbon Tetrachloride	7.75	117	59264	20.318	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	65270	19.742	ug/l	90
40) Benzene	8.02	78	158815	19.860	ug/l	99
41) Methacrylonitrile	7.15	41	21571m	17.414	ug/l	
42) 1,2-Dichloroethane	8.10	62	56432	20.813	ug/l	96
43) Isopropyl Acetate	8.14	43	81153	18.761	ug/l #	93
44) Trichloroethene	8.82	130	46135	21.133	ug/l	93
45) 1,2-Dichloropropane	9.10	63	40582	20.508	ug/l	100
46) Dibromomethane	9.19	93	28708	20.566	ug/l	91
47) Bromodichloromethane	9.39	83	58236	20.703	ug/l	99
48) Methyl methacrylate	9.18	41	35759	18.481	ug/l	89
49) 1,4-Dioxane	9.18	88	15518	438.103	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	237395	94.936	ug/l	95
52) Toluene	10.14	92	101950	20.183	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	62881	20.020	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	67670	20.476	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	42045	21.017	ug/l	96
56) Ethyl methacrylate	10.42	69	57972	18.964	ug/l	93
57) 1,3-Dichloropropane	10.70	76	65001	20.465	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	96332	104.625	ug/l	91
59) 2-Hexanone	10.74	43	173943	94.422	ug/l	95
60) Dibromochloromethane	10.89	129	47271	20.750	ug/l	99
61) 1,2-Dibromoethane	10.99	107	42760	20.393	ug/l	100
64) Tetrachloroethene	10.62	164	45902	20.468	ug/l	95
65) Chlorobenzene	11.43	112	112576	20.815	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	44248	21.173	ug/l	99
67) Ethyl Benzene	11.50	91	198586	20.227	ug/l	97
68) m/p-Xylenes	11.62	106	151858	40.946	ug/l	93
69) o-Xylene	11.94	106	74626	20.553	ug/l	93
70) Styrene	11.96	104	119283	19.633	ug/l	97
71) Bromoform	12.12	173	34857	20.823	ug/l #	98
73) Isopropylbenzene	12.24	105	201042	21.180	ug/l	99
74) N-amyl acetate	12.07	43	68068	18.481	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	55123	20.032	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	50255m	23.073	ug/l	
77) Bromobenzene	12.52	156	50387	20.962	ug/l	80
78) n-propylbenzene	12.59	91	217333	20.400	ug/l	96
79) 2-Chlorotoluene	12.67	91	129386	20.415	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	165709	20.758	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	20228	19.944	ug/l	93
82) 4-Chlorotoluene	12.77	91	131175	20.635	ug/l	96
83) tert-Butylbenzene	12.99	119	143554	20.793	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	164183	20.789	ug/l	99
85) sec-Butylbenzene	13.17	105	187118	20.628	ug/l	98
86) p-Isopropyltoluene	13.28	119	171925	20.484	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	86791	20.786	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	86827	20.845	ug/l	98
89) n-Butylbenzene	13.61	91	143399	20.038	ug/l	99
90) Hexachloroethane	13.87	117	31664	20.163	ug/l	85
91) 1,2-Dichlorobenzene	13.65	146	85693	20.760	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11914	18.872	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50063	20.184	ug/l	98
94) Hexachlorobutadiene	15.01	225	27785	20.328	ug/l	98
95) Naphthalene	15.13	128	136719	19.379	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	49858	20.651	ug/l	99

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

