

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012120\
 Data File : VN059811.D
 Acq On : 21 Jan 2020 15:56
 Operator : JC/MD
 Sample : VN0121MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 11:14:59 AM

Quant Time: Jan 22 03:33:53 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	183900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	280429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	253062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	118927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	86817	42.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.02%	
35) Dibromofluoromethane	7.56	113	75325	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
50) Toluene-d8	10.08	98	284876	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	
62) 4-Bromofluorobenzene	12.40	95	99697	42.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50706	23.105	ug/l	98
3) Chloromethane	2.04	50	45634	21.675	ug/l	99
4) Vinyl Chloride	2.17	62	57505	23.871	ug/l	96
5) Bromomethane	2.54	94	37301	25.373	ug/l	97
6) Chloroethane	2.68	64	27001	23.692	ug/l	98
7) Trichlorofluoromethane	3.00	101	69568	24.047	ug/l	98
8) Diethyl Ether	3.38	74	24609	24.239	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	40417	25.101	ug/l	90
10) Methyl Iodide	3.93	142	60019	23.061	ug/l	94
11) Tert butyl alcohol	4.72	59	36908	107.352	ug/l	99
12) 1,1-Dichloroethene	3.72	96	39141	23.264	ug/l	87
13) Acrolein	3.57	56	20068	82.459	ug/l	98
14) Allyl chloride	4.29	41	53088	23.410	ug/l #	88
15) Acrylonitrile	4.94	53	87713	111.844	ug/l	99
16) Acetone	3.78	43	77841	105.985	ug/l	95
17) Carbon Disulfide	4.03	76	105765	22.067	ug/l	99
18) Methyl Acetate	4.28	43	53737	22.527	ug/l #	78
19) Methyl tert-butyl Ether	5.00	73	129999	23.698	ug/l	96
20) Methylene Chloride	4.52	84	44697	23.505	ug/l	85
21) trans-1,2-Dichloroethene	5.01	96	42144	23.564	ug/l	87
22) Diisopropyl ether	5.91	45	118202	23.000	ug/l #	96
23) Vinyl Acetate	5.86	43	449435	112.951	ug/l #	94
24) 1,1-Dichloroethane	5.81	63	73610	23.441	ug/l	97
25) 2-Butanone	6.80	43	112515	97.288	ug/l #	87
26) 2,2-Dichloropropane	6.79	77	71679	23.743	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	50037	24.325	ug/l	86
28) Bromochloromethane	7.17	49	20784	16.560	ug/l #	72
29) Tetrahydrofuran	7.18	42	73728	103.035	ug/l #	85
30) Chloroform	7.34	83	78467	24.117	ug/l	99
31) Cyclohexane	7.63	56	66326	21.950	ug/l	87
32) 1,1,1-Trichloroethane	7.54	97	72052	23.951	ug/l	96
36) 1,1-Dichloropropene	7.77	75	58056	23.773	ug/l	95
37) Ethyl Acetate	6.89	43	48172	21.032	ug/l	96
38) Carbon Tetrachloride	7.75	117	64112	24.134	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	71868	23.867	ug/l	91
40) Benzene	8.02	78	171985	23.614	ug/l	99
41) Methacrylonitrile	7.14	41	23595m	20.914	ug/l	
42) 1,2-Dichloroethane	8.10	62	59692	24.173	ug/l	96
43) Isopropyl Acetate	8.14	43	85659	21.743	ug/l #	94
44) Trichloroethene	8.81	130	49645	24.969	ug/l	90
45) 1,2-Dichloropropane	9.10	63	43594	24.189	ug/l	98
46) Dibromomethane	9.19	93	30622	24.087	ug/l #	89
47) Bromodichloromethane	9.38	83	63189	24.665	ug/l	100
48) Methyl methacrylate	9.18	41	36644	20.794	ug/l #	89
49) 1,4-Dioxane	9.18	88	15650	485.125	ug/l #	87
51) 4-Methyl-2-Pentanone	9.97	43	241221	105.919	ug/l	95
52) Toluene	10.14	92	111999	24.346	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	68150	23.824	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	74334	24.697	ug/l	91
55) 1,1,2-Trichloroethane	10.55	97	43753	24.013	ug/l	98
56) Ethyl methacrylate	10.42	69	60605	21.769	ug/l	93
57) 1,3-Dichloropropane	10.70	76	70103	24.235	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	70406	83.960	ug/l	91
59) 2-Hexanone	10.74	43	172548	102.843	ug/l	93
60) Dibromochloromethane	10.89	129	51244	24.698	ug/l	100
61) 1,2-Dibromoethane	10.99	107	45694	23.927	ug/l	100
64) Tetrachloroethene	10.62	164	49116	23.814	ug/l	97
65) Chlorobenzene	11.43	112	120867	24.300	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	48949	25.468	ug/l	97
67) Ethyl Benzene	11.50	91	217048	24.038	ug/l	96
68) m/p-Xylenes	11.61	106	164472	48.221	ug/l	94
69) o-Xylene	11.94	106	79905	23.929	ug/l	94
70) Styrene	11.96	104	130959	23.437	ug/l	96
71) Bromoform	12.12	173	37207	24.168	ug/l #	96
73) Isopropylbenzene	12.24	105	216569	24.830	ug/l	100
74) N-amyl acetate	12.06	43	72356	21.379	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	58560	23.160	ug/l	95
76) 1,2,3-Trichloropropane	12.55	75	52770m	26.366	ug/l	
77) Bromobenzene	12.52	156	56012	25.359	ug/l	78
78) n-propylbenzene	12.59	91	238621	24.375	ug/l	97
79) 2-Chlorotoluene	12.67	91	141711	24.333	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	179380	24.455	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	21391	22.952	ug/l	93
82) 4-Chlorotoluene	12.77	91	144949	24.814	ug/l	96
83) tert-Butylbenzene	12.99	119	155735	24.548	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	178040	24.534	ug/l	98
85) sec-Butylbenzene	13.17	105	204639	24.551	ug/l	99
86) p-Isopropyltoluene	13.28	119	187549	24.318	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	95078	24.781	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	94931	24.802	ug/l	98
89) n-Butylbenzene	13.61	91	160087	24.344	ug/l	98
90) Hexachloroethane	13.87	117	34869	24.164	ug/l	86
91) 1,2-Dichlorobenzene	13.65	146	92358	24.349	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12368	21.603	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	55184	24.212	ug/l	99
94) Hexachlorobutadiene	15.01	225	30891	24.595	ug/l	99
95) Naphthalene	15.13	128	138853	21.419	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	51949	23.417	ug/l	100

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

