

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
 Data File : VN063865.D
 Acq On : 5 Oct 2020 12:57
 Operator : JC/MD
 Sample : VN1005MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:56:37 PM

Quant Time: Oct 06 02:01:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	270689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	439139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192488	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	219552	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.55	113	151484	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	10.06	98	549845	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	12.38	95	204143	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52349	18.328	ug/l	98
3) Chloromethane	2.04	50	58968	17.595	ug/l	98
4) Vinyl Chloride	2.17	62	57127	16.981	ug/l	97
5) Bromomethane	2.54	94	40250	19.022	ug/l	95
6) Chloroethane	2.68	64	38138	18.972	ug/l	98
7) Trichlorofluoromethane	2.99	101	100802	18.893	ug/l	99
8) Diethyl Ether	3.38	74	34683	19.221	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52889	18.546	ug/l	97
10) Methyl Iodide	3.91	142	64105	19.360	ug/l	99
11) Tert butyl alcohol	4.72	59	48310	97.849	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	48398	17.756	ug/l	93
13) Acrolein	3.57	56	27521	90.823	ug/l	100
14) Allyl chloride	4.28	41	94377	18.637	ug/l	96
15) Acrylonitrile	4.93	53	134590	95.235	ug/l	98
16) Acetone	3.77	43	130499	94.797	ug/l	95
17) Carbon Disulfide	4.01	76	129165	17.987	ug/l	96
18) Methyl Acetate	4.27	43	70383	19.692	ug/l #	78
19) Methyl tert-butyl Ether	4.99	73	187236	18.907	ug/l	100
20) Methylene Chloride	4.50	84	61347	19.516	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	54551	17.867	ug/l	97
22) Diisopropyl ether	5.90	45	208620	20.023	ug/l	97
23) Vinyl Acetate	5.84	43	831340	96.325	ug/l	100
24) 1,1-Dichloroethane	5.79	63	112213	18.837	ug/l	96
25) 2-Butanone	6.78	43	186445	95.529	ug/l	99
26) 2,2-Dichloropropane	6.77	77	98510	18.057	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	64028	18.234	ug/l	97
28) Bromochloromethane	7.15	49	58077	19.725	ug/l	100
29) Tetrahydrofuran	7.16	42	121252	92.630	ug/l	99
30) Chloroform	7.33	83	119662	19.265	ug/l	97
31) Cyclohexane	7.61	56	91157	17.558	ug/l #	89
32) 1,1,1-Trichloroethane	7.53	97	106337	18.980	ug/l	99
36) 1,1-Dichloropropene	7.75	75	81119	18.233	ug/l	99
37) Ethyl Acetate	6.88	43	83558	18.904	ug/l	99
38) Carbon Tetrachloride	7.73	117	94241	18.891	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75958	17.121	ug/l	96
40) Benzene	8.00	78	240535	18.929	ug/l	100
41) Methacrylonitrile	7.14	41	40820m	20.779	ug/l	
42) 1,2-Dichloroethane	8.08	62	103900	19.155	ug/l	99
43) Isopropyl Acetate	8.13	43	141416	19.397	ug/l	99
44) Trichloroethene	8.80	130	63026	18.930	ug/l	97
45) 1,2-Dichloropropane	9.08	63	66411	19.352	ug/l	97
46) Dibromomethane	9.17	93	44889	18.961	ug/l	98
47) Bromodichloromethane	9.37	83	96271	19.731	ug/l	95
48) Methyl methacrylate	9.17	41	69767	19.369	ug/l	95
49) 1,4-Dioxane	9.16	88	18746	366.182	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	421634	98.547	ug/l	98
52) Toluene	10.12	92	152618	19.417	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	101392	19.386	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	106737	19.514	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	61885	19.633	ug/l	96
56) Ethyl methacrylate	10.40	69	85936	19.234	ug/l	98
57) 1,3-Dichloropropane	10.68	76	107834	20.221	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	221011	92.475	ug/l	100
59) 2-Hexanone	10.72	43	302356	95.130	ug/l	98
60) Dibromochloromethane	10.87	129	67893	18.495	ug/l	99
61) 1,2-Dibromoethane	10.98	107	62947	19.523	ug/l	98
64) Tetrachloroethene	10.60	164	61710	19.232	ug/l	94
65) Chlorobenzene	11.41	112	161560	18.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	63513	19.473	ug/l	99
67) Ethyl Benzene	11.48	91	282579	18.254	ug/l	99
68) m/p-Xylenes	11.60	106	209733	36.351	ug/l	97
69) o-Xylene	11.92	106	100445	18.626	ug/l	100
70) Styrene	11.94	104	170619	18.639	ug/l	99
71) Bromoform	12.10	173	45773	18.350	ug/l #	97
73) Isopropylbenzene	12.22	105	265575	18.916	ug/l	99
74) N-amyl acetate	12.05	43	114847	19.036	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	83889	19.540	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	80986m	19.086	ug/l	
77) Bromobenzene	12.50	156	68102	19.768	ug/l	99
78) n-propylbenzene	12.57	91	306335	18.748	ug/l	99
79) 2-Chlorotoluene	12.65	91	191767	19.083	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	229574	19.491	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	27832	18.892	ug/l	99
82) 4-Chlorotoluene	12.75	91	200075	19.179	ug/l	98
83) tert-Butylbenzene	12.97	119	181920	18.882	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	230242	19.578	ug/l	99
85) sec-Butylbenzene	13.15	105	239433	18.920	ug/l	98
86) p-Isopropyltoluene	13.26	119	214936	19.199	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	117976	18.929	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	121689	18.752	ug/l	99
89) n-Butylbenzene	13.59	91	177564	17.185	ug/l	100
90) Hexachloroethane	13.85	117	40058	18.465	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	118868	19.256	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18339	18.214	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	55168	17.601	ug/l	98
94) Hexachlorobutadiene	14.98	225	31852	19.071	ug/l	98
95) Naphthalene	15.10	128	160716	16.803	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	52397	17.157	ug/l	99

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

