

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063275.D
 Acq On : 9 Sep 2020 12:16
 Operator : JC/MD
 Sample : VN0909MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:04:17 PM

Quant Time: Sep 09 15:45:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	414256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	730368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	666416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	304208	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	333295	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.55	113	243082	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	10.06	98	911291	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.38	95	334820	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	73381	17.987	ug/l	97
3) Chloromethane	2.04	50	103937	17.496	ug/l	99
4) Vinyl Chloride	2.17	62	108092	16.472	ug/l	97
5) Bromomethane	2.54	94	71584	12.959	ug/l	99
6) Chloroethane	2.68	64	69991	13.414	ug/l	100
7) Trichlorofluoromethane	2.99	101	162952	15.322	ug/l	93
8) Diethyl Ether	3.37	74	64088	20.412	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	90087	20.197	ug/l	99
10) Methyl Iodide	3.91	142	110546	18.172	ug/l	98
11) Tert butyl alcohol	4.72	59	90994	109.467	ug/l	100
12) 1,1-Dichloroethene	3.70	96	86353	19.000	ug/l	99
13) Acrolein	3.57	56	12785	53.620	ug/l	94
14) Allyl chloride	4.28	41	174551	21.624	ug/l	94
15) Acrylonitrile	4.93	53	241373	105.071	ug/l	99
16) Acetone	3.78	43	209971	109.073	ug/l	99
17) Carbon Disulfide	4.01	76	230911	17.069	ug/l	98
18) Methyl Acetate	4.28	43	124305	25.184	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	334705	19.851	ug/l	99
20) Methylene Chloride	4.50	84	109934	20.014	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	93237	18.568	ug/l	89
22) Diisopropyl ether	5.90	45	378705	20.936	ug/l	98
23) Vinyl Acetate	5.84	43	1514616	104.939	ug/l	95
24) 1,1-Dichloroethane	5.79	63	199806	20.037	ug/l	99
25) 2-Butanone	6.78	43	332875	111.675	ug/l	97
26) 2,2-Dichloropropane	6.78	77	168385	18.637	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	116754	19.129	ug/l	97
28) Bromochloromethane	7.15	49	94599	18.158	ug/l	94
29) Tetrahydrofuran	7.16	42	220324	106.899	ug/l	97
30) Chloroform	7.33	83	201628	19.326	ug/l	98
31) Cyclohexane	7.61	56	173803	18.680	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	168574	18.751	ug/l	97
36) 1,1-Dichloropropene	7.75	75	143782	20.478	ug/l	100
37) Ethyl Acetate	6.88	43	147164	22.408	ug/l #	96
38) Carbon Tetrachloride	7.73	117	143057	20.090	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	156680	19.863	ug/l	93
40) Benzene	8.00	78	424626	20.580	ug/l	100
41) Methacrylonitrile	7.12	41	61202	20.691	ug/l #	92
42) 1,2-Dichloroethane	8.08	62	171729	22.281	ug/l	97
43) Isopropyl Acetate	8.12	43	258288	22.556	ug/l	99
44) Trichloroethene	8.80	130	110150	22.009	ug/l	98
45) 1,2-Dichloropropane	9.08	63	122410	22.407	ug/l	100
46) Dibromomethane	9.17	93	76893	21.239	ug/l	97
47) Bromodichloromethane	9.37	83	163414	21.059	ug/l	98
48) Methyl methacrylate	9.16	41	120976	23.436	ug/l	96
49) 1,4-Dioxane	9.16	88	35217	441.084	ug/l	86
51) 4-Methyl-2-Pentanone	9.95	43	734109	117.977	ug/l	99
52) Toluene	10.13	92	261679	20.359	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	175571	20.684	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	191000	21.437	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	105726	21.479	ug/l	97
56) Ethyl methacrylate	10.40	69	160665	21.447	ug/l	97
57) 1,3-Dichloropropane	10.68	76	187371	21.367	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	375223	96.727	ug/l	96
59) 2-Hexanone	10.72	43	530387	121.285	ug/l	97
60) Dibromochloromethane	10.87	129	117002	21.500	ug/l	99
61) 1,2-Dibromoethane	10.98	107	106648	20.842	ug/l	95
64) Tetrachloroethene	10.60	164	109257	22.831	ug/l	98
65) Chlorobenzene	11.41	112	277765	20.694	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	105111	21.092	ug/l	97
67) Ethyl Benzene	11.48	91	516100	21.077	ug/l	99
68) m/p-Xylenes	11.60	106	370285	40.830	ug/l	98
69) o-Xylene	11.92	106	180448	20.597	ug/l	95
70) Styrene	11.94	104	303054	20.128	ug/l	97
71) Bromoform	12.10	173	70237	20.768	ug/l #	97
73) Isopropylbenzene	12.23	105	482995	20.701	ug/l	100
74) N-amyl acetate	12.05	43	205103	21.222	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	140770	20.927	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	138425m	23.159	ug/l	
77) Bromobenzene	12.50	156	110058	20.857	ug/l	96
78) n-propylbenzene	12.57	91	565304	20.938	ug/l	100
79) 2-Chlorotoluene	12.65	91	338921	20.958	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	413911	21.313	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	48373	19.561	ug/l	93
82) 4-Chlorotoluene	12.75	91	354096	21.113	ug/l	98
83) tert-Butylbenzene	12.97	119	332336	19.953	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	414946	21.197	ug/l	98
85) sec-Butylbenzene	13.15	105	444177	20.462	ug/l	100
86) p-Isopropyltoluene	13.26	119	399889	20.749	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	203456	20.988	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	201714	20.096	ug/l	98
89) n-Butylbenzene	13.59	91	360896	20.270	ug/l	98
90) Hexachloroethane	13.85	117	66666	18.687	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	203696	21.653	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31807	21.507	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	112624	21.429	ug/l	99
94) Hexachlorobutadiene	14.98	225	44055	22.439	ug/l	97
95) Naphthalene	15.10	128	340985	19.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	108395	21.170	ug/l	100

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

