

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063241.D
 Acq On : 4 Sep 2020 12:37
 Operator : JC/MD
 Sample : VN0904MBS01
 Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 5:34:34 PM

Quant Time: Sep 07 00:45:55 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	7.63	168	321702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	596099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	556791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	245867	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	240646	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
35) Dibromofluoromethane	7.55	113	177885	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	10.06	98	692934	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
62) 4-Bromofluorobenzene	12.38	95	230719	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52944	16.711	ug/l	93
3) Chloromethane	2.04	50	77606	16.822	ug/l	100
4) Vinyl Chloride	2.17	62	85591	16.795	ug/l	97
5) Bromomethane	2.54	94	83453	19.454	ug/l	100
6) Chloroethane	2.68	64	78162	19.290	ug/l	100
7) Trichlorofluoromethane	2.98	101	133682	16.422	ug/l	98
8) Diethyl Ether	3.38	74	41194	16.895	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	66098	19.082	ug/l	97
10) Methyl Iodide	3.91	142	75804	16.046	ug/l	99
11) Tert butyl alcohol	4.72	59	56858	88.080	ug/l	98
12) 1,1-Dichloroethene	3.70	96	61574	17.445	ug/l	97
13) Acrolein	3.57	56	13049	65.516	ug/l	93
14) Allyl chloride	4.28	41	105688	16.860	ug/l	93
15) Acrylonitrile	4.93	53	158103	89.000	ug/l	99
16) Acetone	3.78	43	148355	99.237	ug/l	98
17) Carbon Disulfide	4.02	76	166551	15.854	ug/l	98
18) Methyl Acetate	4.28	43	77668	20.262	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	227125	17.346	ug/l	99
20) Methylene Chloride	4.51	84	76122	17.792	ug/l	88
21) trans-1,2-Dichloroethene	4.99	96	67397	17.284	ug/l	91
22) Diisopropyl ether	5.90	45	241426	17.187	ug/l	96
23) Vinyl Acetate	5.85	43	985521	87.926	ug/l	99
24) 1,1-Dichloroethane	5.80	63	139853	18.060	ug/l	98
25) 2-Butanone	6.78	43	222721	96.217	ug/l	96
26) 2,2-Dichloropropane	6.78	77	123036	17.536	ug/l	99
27) cis-1,2-Dichloroethene	6.79	96	81304	17.154	ug/l	97
28) Bromochloromethane	7.15	49	62710	15.500	ug/l	98
29) Tetrahydrofuran	7.17	42	141426	88.360	ug/l	97
30) Chloroform	7.33	83	143844	17.754	ug/l	96
31) Cyclohexane	7.61	56	118498	16.178	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	123535	17.694	ug/l	97
36) 1,1-Dichloropropene	7.75	75	105547	18.418	ug/l	98
37) Ethyl Acetate	6.88	43	95070	17.816	ug/l #	95
38) Carbon Tetrachloride	7.74	117	102091	17.567	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	114699	17.816	ug/l	98
40) Benzene	8.00	78	312041	18.530	ug/l	100
41) Methacrylonitrile	7.14	41	47681m	19.751	ug/l	
42) 1,2-Dichloroethane	8.09	62	118699	18.870	ug/l	99
43) Isopropyl Acetate	8.13	43	171351	18.335	ug/l #	91
44) Trichloroethene	8.80	130	81917	20.055	ug/l	99
45) 1,2-Dichloropropane	9.09	63	80818	18.126	ug/l	94
46) Dibromomethane	9.17	93	55634	18.829	ug/l	97
47) Bromodichloromethane	9.37	83	114505	18.080	ug/l	100
48) Methyl methacrylate	9.17	41	75863	18.007	ug/l	92
49) 1,4-Dioxane	9.17	88	25309	388.390	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	507075	99.846	ug/l	99
52) Toluene	10.13	92	197968	18.871	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	121532	17.543	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	130922	18.004	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	74793	18.617	ug/l	99
56) Ethyl methacrylate	10.40	69	107236	17.539	ug/l	97
57) 1,3-Dichloropropane	10.68	76	135650	18.953	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.67	63	261059	82.456	ug/l	100
59) 2-Hexanone	10.72	43	361990	101.422	ug/l	98
60) Dibromochloromethane	10.87	129	80085	18.031	ug/l	99
61) 1,2-Dibromoethane	10.98	107	79075	18.934	ug/l	100
64) Tetrachloroethene	10.60	164	81515	20.387	ug/l	95
65) Chlorobenzene	11.41	112	209179	18.653	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	74574	17.911	ug/l	98
67) Ethyl Benzene	11.49	91	377409	18.448	ug/l	98
68) m/p-Xylenes	11.60	106	283646	37.434	ug/l	99
69) o-Xylene	11.92	106	135871	18.562	ug/l	98
70) Styrene	11.94	104	225569	17.931	ug/l	99
71) Bromoform	12.10	173	47948	16.969	ug/l #	99
73) Isopropylbenzene	12.23	105	362079	19.201	ug/l	99
74) N-amyl acetate	12.05	43	140400	17.974	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	103977	19.125	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	90531m	18.740	ug/l	
77) Bromobenzene	12.50	156	81167	19.032	ug/l	97
78) n-propylbenzene	12.57	91	419516	19.225	ug/l	100
79) 2-Chlorotoluene	12.65	91	243938	18.664	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	297603	18.960	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	32550	16.286	ug/l	94
82) 4-Chlorotoluene	12.75	91	247163	18.234	ug/l	100
83) tert-Butylbenzene	12.97	119	251058	18.650	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	300801	19.012	ug/l	100
85) sec-Butylbenzene	13.15	105	340576	19.412	ug/l	99
86) p-Isopropyltoluene	13.26	119	302847	19.443	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	152809	19.504	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	148340	18.285	ug/l	97
89) n-Butylbenzene	13.59	91	268440	18.655	ug/l	99
90) Hexachloroethane	13.85	117	47915	16.618	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	150855	19.842	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21209	17.744	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	78937	18.584	ug/l	96
94) Hexachlorobutadiene	14.98	225	29536	18.614	ug/l	99
95) Naphthalene	15.11	128	248205	17.514	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	75641	18.278	ug/l	99

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

