

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110819\
 Data File : VN059134.D
 Acq On : 8 Nov 2019 10:31
 Operator : JC/SP
 Sample : VN1108MBSD01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1108MBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/11/2019 10:35:08 AM

Quant Time: Nov 11 01:18:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	479746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	753327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	678496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	315402	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	294602	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.56	113	227822	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.08	98	894924	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.40	95	320289	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	93090	19.259	ug/l 98
3) Chloromethane	2.04	50	122576	18.655	ug/l 100
4) Vinyl Chloride	2.17	62	122150	19.175	ug/l 98
5) Bromomethane	2.54	94	71159	19.411	ug/l 98
6) Chloroethane	2.68	64	72536	19.249	ug/l 100
7) Trichlorofluoromethane	3.00	101	148030	19.428	ug/l 99
8) Diethyl Ether	3.38	74	62394	20.153	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	91903	20.004	ug/l 100
10) Methyl Iodide	3.93	142	99045	17.417	ug/l 99
11) Tert butyl alcohol	4.75	59	99532	88.559	ug/l 100
12) 1,1-Dichloroethene	3.71	96	87067	19.455	ug/l 98
13) Acrolein	3.58	56	50136	86.522	ug/l 100
14) Allyl chloride	4.29	41	174465m	18.978	ug/l
15) Acrylonitrile	4.95	53	285337	102.015	ug/l 100
16) Acetone	3.79	43	315742	102.958	ug/l 99
17) Carbon Disulfide	4.02	76	258646	18.618	ug/l 99
18) Methyl Acetate	4.29	43	152800	20.991	ug/l 98
19) Methyl tert-butyl Ether	5.01	73	316226	20.524	ug/l 99
20) Methylene Chloride	4.52	84	106784	19.987	ug/l 98
21) trans-1,2-Dichloroethene	5.01	96	94528	19.678	ug/l 98
22) Diisopropyl ether	5.92	45	349152	20.108	ug/l 97
23) Vinyl Acetate	5.86	43	1432304	106.433	ug/l 99
24) 1,1-Dichloroethane	5.82	63	192446	19.843	ug/l 99
25) 2-Butanone	6.81	43	402805	99.661	ug/l 98
26) 2,2-Dichloropropane	6.80	77	161283	19.019	ug/l 100
27) cis-1,2-Dichloroethene	6.80	96	109904	19.720	ug/l 99
28) Bromochloromethane	7.17	49	57172	19.594	ug/l 97
29) Tetrahydrofuran	7.18	42	253338	98.647	ug/l 100
30) Chloroform	7.35	83	183761	19.752	ug/l 99
31) Cyclohexane	7.63	56	178103	19.399	ug/l 97
32) 1,1,1-Trichloroethane	7.55	97	159379	20.377	ug/l 99
36) 1,1-Dichloropropene	7.77	75	136924	19.446	ug/l 99
37) Ethyl Acetate	6.90	43	159261	20.331	ug/l 99
38) Carbon Tetrachloride	7.75	117	138331	19.738	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	161231	19.729	ug/l	96
40) Benzene	8.02	78	425001	20.043	ug/l	98
41) Methacrylonitrile	7.15	41	62523m	18.355	ug/l	
42) 1,2-Dichloroethane	8.10	62	146311	20.119	ug/l	99
43) Isopropyl Acetate	8.14	43	244456	19.575	ug/l	99
44) Trichloroethene	8.82	130	104397	20.029	ug/l	97
45) 1,2-Dichloropropane	9.10	63	116277	20.189	ug/l	99
46) Dibromomethane	9.19	93	71551	19.936	ug/l	98
47) Bromodichloromethane	9.39	83	141849	19.793	ug/l	98
48) Methyl methacrylate	9.18	41	107102	19.173	ug/l	98
49) 1,4-Dioxane	9.18	88	33369	336.139	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	764326	108.166	ug/l	100
52) Toluene	10.14	92	255349	20.092	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	164308	19.845	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	177196	19.895	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	103803	20.181	ug/l	98
56) Ethyl methacrylate	10.42	69	154544	19.213	ug/l	100
57) 1,3-Dichloropropane	10.70	76	182407	20.605	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	303193	105.919	ug/l	99
59) 2-Hexanone	10.74	43	576986	106.383	ug/l	100
60) Dibromochloromethane	10.90	129	109396	20.116	ug/l	99
61) 1,2-Dibromoethane	11.00	107	104357	20.042	ug/l	98
64) Tetrachloroethene	10.62	164	91687	19.873	ug/l	99
65) Chlorobenzene	11.43	112	267482	20.223	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	101088	20.374	ug/l	99
67) Ethyl Benzene	11.51	91	481080	20.500	ug/l	98
68) m/p-Xylenes	11.62	106	359896	40.942	ug/l	100
69) o-Xylene	11.94	106	173018	20.367	ug/l	97
70) Styrene	11.96	104	273107	20.441	ug/l	98
71) Bromoform	12.12	173	76955	19.940	ug/l #	99
73) Isopropylbenzene	12.25	105	464243	20.235	ug/l	99
74) N-amyl acetate	12.07	43	191852	19.735	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	156084	19.978	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	144461m	20.118	ug/l	
77) Bromobenzene	12.52	156	111920	19.417	ug/l	100
78) n-propylbenzene	12.59	91	539179	20.525	ug/l	100
79) 2-Chlorotoluene	12.67	91	328924	20.184	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	395067	20.322	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	51550	18.962	ug/l	97
82) 4-Chlorotoluene	12.77	91	331284	20.269	ug/l	99
83) tert-Butylbenzene	12.99	119	341443	20.338	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	387071	20.580	ug/l	99
85) sec-Butylbenzene	13.17	105	440912	20.194	ug/l	100
86) p-Isopropyltoluene	13.29	119	395378	20.509	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	198868	20.148	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	192984	19.541	ug/l	98
89) n-Butylbenzene	13.62	91	333963	19.792	ug/l	99
90) Hexachloroethane	13.88	117	74697	19.296	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	196442	20.231	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30873	19.822	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	101148	19.170	ug/l	99
94) Hexachlorobutadiene	15.01	225	63480	18.961	ug/l	98
95) Naphthalene	15.13	128	288696	19.633	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	105440	19.377	ug/l	99

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

