

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062978.D
 Acq On : 17 Aug 2020 19:07
 Operator : JC/MD
 Sample : VN0817MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/18/2020 11:13:03 AM

Quant Time: Aug 18 07:01:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	254682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	370415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	345487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169911	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	130885	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
35) Dibromofluoromethane	7.55	113	115542	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.06	98	457466	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.38	95	158856	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	59033	19.386	ug/l	99
3) Chloromethane	2.03	50	54477	19.860	ug/l	99
4) Vinyl Chloride	2.16	62	83237	24.028	ug/l	100
5) Bromomethane	2.52	94	48680	19.828	ug/l	98
6) Chloroethane	2.66	64	47822	20.270	ug/l	94
7) Trichlorofluoromethane	2.98	101	98946	20.505	ug/l	97
8) Diethyl Ether	3.37	74	25814	17.452	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	39026	16.934	ug/l	98
10) Methyl Iodide	3.91	142	49975	17.010	ug/l	100
11) Tert butyl alcohol	4.74	59	43259	93.829	ug/l	100
12) 1,1-Dichloroethene	3.69	96	36701	16.776	ug/l	95
13) Acrolein	3.57	56	17386	62.855	ug/l	98
14) Allyl chloride	4.27	41	57696	17.080	ug/l	99
15) Acrylonitrile	4.93	53	115633	95.105	ug/l	99
16) Acetone	3.78	43	88960	85.160	ug/l	98
17) Carbon Disulfide	4.01	76	97975	15.606	ug/l	99
18) Methyl Acetate	4.28	43	51638	22.882	ug/l	93
19) Methyl tert-butyl Ether	4.99	73	138129	19.328	ug/l	99
20) Methylene Chloride	4.50	84	46840	18.938	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	40634	17.732	ug/l	98
22) Diisopropyl ether	5.90	45	137870	18.888	ug/l	96
23) Vinyl Acetate	5.85	43	454426	88.323	ug/l	99
24) 1,1-Dichloroethane	5.80	63	77849	18.241	ug/l	99
25) 2-Butanone	6.79	43	140335	93.212	ug/l	100
26) 2,2-Dichloropropane	6.78	77	64209	18.201	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	48516	17.845	ug/l	97
28) Bromochloromethane	7.15	49	43877	21.327	ug/l	99
29) Tetrahydrofuran	7.17	42	94455	115.617	ug/l	99
30) Chloroform	7.33	83	82332	18.500	ug/l	99
31) Cyclohexane	7.62	56	74445	17.889	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	68292	18.488	ug/l	99
36) 1,1-Dichloropropene	7.75	75	55699	17.529	ug/l	98
37) Ethyl Acetate	6.88	43	55031	18.958	ug/l	97
38) Carbon Tetrachloride	7.73	117	61130	18.209	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	74792	17.737	ug/l	99
40) Benzene	8.00	78	181580	18.066	ug/l	99
41) Methacrylonitrile	7.12	41	23593	16.573	ug/l #	69
42) 1,2-Dichloroethane	8.09	62	61667	18.692	ug/l	98
43) Isopropyl Acetate	8.13	43	86475	18.750	ug/l	100
44) Trichloroethene	8.80	130	50638	18.687	ug/l	99
45) 1,2-Dichloropropane	9.08	63	51096	18.246	ug/l	99
46) Dibromomethane	9.17	93	33125	18.999	ug/l	96
47) Bromodichloromethane	9.37	83	67502	19.088	ug/l	99
48) Methyl methacrylate	9.17	41	42146	18.682	ug/l	98
49) 1,4-Dioxane	9.17	88	19849	416.008	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	299266	96.984	ug/l	100
52) Toluene	10.13	92	119197	18.772	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	71577	18.763	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	78267	19.008	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	51427	19.108	ug/l	98
56) Ethyl methacrylate	10.40	69	70719	19.426	ug/l	98
57) 1,3-Dichloropropane	10.68	76	80185	18.900	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	74744	105.721	ug/l	98
59) 2-Hexanone	10.72	43	216518	110.657	ug/l	100
60) Dibromochloromethane	10.88	129	55898	18.662	ug/l	98
61) 1,2-Dibromoethane	10.98	107	50702	18.454	ug/l	99
64) Tetrachloroethene	10.61	164	46590	19.661	ug/l	97
65) Chlorobenzene	11.41	112	132689	18.764	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	51003	18.570	ug/l	96
67) Ethyl Benzene	11.49	91	224699	18.861	ug/l	97
68) m/p-Xylenes	11.60	106	173032	38.463	ug/l	99
69) o-Xylene	11.92	106	82471	19.299	ug/l	100
70) Styrene	11.94	104	145226	19.594	ug/l	99
71) Bromoform	12.10	173	45844	19.969	ug/l #	99
73) Isopropylbenzene	12.23	105	227955	19.447	ug/l	99
74) N-amyl acetate	12.05	43	75418	18.742	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	75718	20.412	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	64346m	19.003	ug/l	
77) Bromobenzene	12.50	156	62154	18.391	ug/l	97
78) n-propylbenzene	12.57	91	248761	18.189	ug/l	99
79) 2-Chlorotoluene	12.65	91	158297	19.258	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	222023	22.511	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	23949	19.111	ug/l	98
82) 4-Chlorotoluene	12.75	91	183615	21.921	ug/l	98
83) tert-Butylbenzene	12.97	119	165624	19.474	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	197349	20.679	ug/l	97
85) sec-Butylbenzene	13.15	105	217509	19.432	ug/l	99
86) p-Isopropyltoluene	13.26	119	195372	19.615	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	106514	19.137	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	107505	18.742	ug/l	99
89) n-Butylbenzene	13.59	91	146599	18.121	ug/l	99
90) Hexachloroethane	13.85	117	37470	18.546	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	103213	19.188	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12251	19.215	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	47226	18.390	ug/l	96
94) Hexachlorobutadiene	14.98	225	37921	18.263	ug/l	99
95) Naphthalene	15.10	128	102946	18.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	46512	17.995	ug/l	98

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

