

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061481.D
 Acq On : 19 May 2020 14:23
 Operator : JC/MD
 Sample : VN0519MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0519MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:11:07 PM

Quant Time: May 20 04:26:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	250369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	451374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	424615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196228	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	184384	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
35) Dibromofluoromethane	7.54	113	127388	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
50) Toluene-d8	10.06	98	543183	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.37	95	202311	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39661	19.051	ug/l	96
3) Chloromethane	2.03	50	60027	17.678	ug/l	99
4) Vinyl Chloride	2.16	62	84231	17.333	ug/l	96
5) Bromomethane	2.54	94	49500	17.554	ug/l	98
6) Chloroethane	2.67	64	57853	17.688	ug/l	99
7) Trichlorofluoromethane	2.98	101	108617	18.410	ug/l	99
8) Diethyl Ether	3.37	74	33061	19.239	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47811	19.488	ug/l	100
10) Methyl Iodide	3.91	142	58159	19.517	ug/l	99
11) Tert butyl alcohol	4.72	59	46039	106.932	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	47207	18.395	ug/l	97
13) Acrolein	3.56	56	22906	59.914	ug/l	93
14) Allyl chloride	4.27	41	74295	17.789	ug/l	94
15) Acrylonitrile	4.92	53	117014	91.735	ug/l	99
16) Acetone	3.77	43	93924	90.975	ug/l	99
17) Carbon Disulfide	4.00	76	126857	21.194	ug/l	99
18) Methyl Acetate	4.27	43	49999	18.844	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	184390	18.933	ug/l	97
20) Methylene Chloride	4.50	84	55237	17.987	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	55445	18.736	ug/l	94
22) Diisopropyl ether	5.90	45	170714	18.190	ug/l	95
23) Vinyl Acetate	5.84	43	688835	92.297	ug/l	97
24) 1,1-Dichloroethane	5.79	63	100495	18.358	ug/l	99
25) 2-Butanone	6.78	43	152452	89.608	ug/l	96
26) 2,2-Dichloropropane	6.77	77	94580	18.124	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	67342	19.265	ug/l	96
28) Bromochloromethane	7.15	49	50427	21.702	ug/l	98
29) Tetrahydrofuran	7.16	42	102274	90.770	ug/l	98
30) Chloroform	7.32	83	110422	19.313	ug/l	100
31) Cyclohexane	7.61	56	92126	17.165	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	96418	18.454	ug/l	99
36) 1,1-Dichloropropene	7.75	75	80724	19.126	ug/l	100
37) Ethyl Acetate	6.88	43	65095	17.007	ug/l	98
38) Carbon Tetrachloride	7.73	117	72311	18.607	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	95907	18.605	ug/l	96
40) Benzene	8.00	78	239039	18.794	ug/l	99
41) Methacrylonitrile	7.12	41	28561	17.667	ug/l #	86
42) 1,2-Dichloroethane	8.08	62	90152	19.673	ug/l	100
43) Isopropyl Acetate	8.12	43	118420	17.739	ug/l #	91
44) Trichloroethene	8.80	130	66296	19.893	ug/l	93
45) 1,2-Dichloropropane	9.08	63	61449	19.302	ug/l	99
46) Dibromomethane	9.17	93	44164	19.789	ug/l	99
47) Bromodichloromethane	9.37	83	90710	19.291	ug/l	99
48) Methyl methacrylate	9.16	41	53215	17.256	ug/l	97
49) 1,4-Dioxane	9.16	88	17168	510.833	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	333512	91.709	ug/l	99
52) Toluene	10.12	92	160204	19.619	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	98013	19.017	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	104553	19.083	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	62178	20.141	ug/l	99
56) Ethyl methacrylate	10.40	69	90567	18.765	ug/l	98
57) 1,3-Dichloropropane	10.68	76	104522	19.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	193855	91.504	ug/l	97
59) 2-Hexanone	10.72	43	237998	90.457	ug/l	99
60) Dibromochloromethane	10.87	129	65828	19.276	ug/l	100
61) 1,2-Dibromoethane	10.98	107	62517	19.260	ug/l	98
64) Tetrachloroethene	10.60	164	61954	18.860	ug/l	95
65) Chlorobenzene	11.40	112	168309	19.438	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	60704	19.555	ug/l	97
67) Ethyl Benzene	11.48	91	305268	19.314	ug/l	100
68) m/p-Xylenes	11.59	106	235527	39.258	ug/l	98
69) o-Xylene	11.92	106	110492	19.031	ug/l	99
70) Styrene	11.94	104	186139	19.361	ug/l	99
71) Bromoform	12.10	173	41317	18.445	ug/l #	100
73) Isopropylbenzene	12.22	105	296429	18.817	ug/l	100
74) N-amyl acetate	12.04	43	97882	16.975	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	82926	19.133	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	80677m	19.161	ug/l	
77) Bromobenzene	12.50	156	66748	19.524	ug/l	96
78) n-propylbenzene	12.56	91	338575	18.863	ug/l	99
79) 2-Chlorotoluene	12.65	91	200340	18.883	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	243349	18.866	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	26382	16.621	ug/l	96
82) 4-Chlorotoluene	12.75	91	208220	18.954	ug/l	100
83) tert-Butylbenzene	12.97	119	206091	18.653	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	249920	19.361	ug/l	99
85) sec-Butylbenzene	13.15	105	280904	18.802	ug/l	100
86) p-Isopropyltoluene	13.26	119	251342	18.946	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	121318	19.390	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	121643	19.413	ug/l	98
89) n-Butylbenzene	13.59	91	224096	18.593	ug/l	100
90) Hexachloroethane	13.85	117	33816	18.808	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	118270	19.706	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16052	18.335	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	65288	20.062	ug/l	99
94) Hexachlorobutadiene	14.98	225	25548	17.669	ug/l	99
95) Naphthalene	15.10	128	208160	20.120	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	64816	20.007	ug/l	99

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

