

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
 Data File : VN062631.D
 Acq On : 28 Jul 2020 13:46
 Operator : JC/MD
 Sample : VN0728MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0728MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:06:22 PM

Quant Time: Jul 29 04:41:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	174713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	288000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	268208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126582	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	133722	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	7.55	113	90597	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.06	98	358039	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
62) 4-Bromofluorobenzene	12.38	95	131407	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39551	18.978	ug/l	99
3) Chloromethane	2.03	50	48051	17.000	ug/l	94
4) Vinyl Chloride	2.16	62	42611	17.390	ug/l	98
5) Bromomethane	2.52	94	22190	20.446	ug/l	96
6) Chloroethane	2.66	64	20536	18.528	ug/l	96
7) Trichlorofluoromethane	2.98	101	58306	20.267	ug/l	100
8) Diethyl Ether	3.37	74	25885	19.240	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	35866	19.444	ug/l	99
10) Methyl Iodide	3.91	142	38131	16.170	ug/l	95
11) Tert butyl alcohol	4.73	59	41970	97.207	ug/l	98
12) 1,1-Dichloroethene	3.70	96	35409	18.928	ug/l	93
13) Acrolein	3.56	56	32567	78.323	ug/l	98
14) Allyl chloride	4.27	41	71648	17.706	ug/l	96
15) Acrylonitrile	4.93	53	111895	96.757	ug/l	99
16) Acetone	3.78	43	96680	94.661	ug/l	96
17) Carbon Disulfide	4.01	76	106645	17.350	ug/l	98
18) Methyl Acetate	4.28	43	55776	21.572	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	135358	19.659	ug/l	99
20) Methylene Chloride	4.50	84	43997	17.961	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	36616	17.635	ug/l	98
22) Diisopropyl ether	5.90	45	150378	18.696	ug/l	97
23) Vinyl Acetate	5.84	43	632248	95.930	ug/l	98
24) 1,1-Dichloroethane	5.79	63	82332	19.008	ug/l	98
25) 2-Butanone	6.79	43	151413	97.343	ug/l	99
26) 2,2-Dichloropropane	6.77	77	66640	18.742	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	44656	18.848	ug/l	99
28) Bromochloromethane	7.15	49	41811	19.615	ug/l	97
29) Tetrahydrofuran	7.17	42	103706	98.532	ug/l	99
30) Chloroform	7.33	83	80414	19.526	ug/l	96
31) Cyclohexane	7.61	56	71144	17.790	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	69076	20.090	ug/l	99
36) 1,1-Dichloropropene	7.75	75	57284	18.661	ug/l	99
37) Ethyl Acetate	6.88	43	66211	20.009	ug/l	99
38) Carbon Tetrachloride	7.73	117	60704	20.573	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	61539	18.623	ug/l	99
40) Benzene	8.00	78	173339	18.651	ug/l	100
41) Methacrylonitrile	7.13	41	25471m	17.960	ug/l	
42) 1,2-Dichloroethane	8.09	62	68973	20.300	ug/l	98
43) Isopropyl Acetate	8.12	43	105987	19.868	ug/l	99
44) Trichloroethene	8.80	130	38597	18.416	ug/l	100
45) 1,2-Dichloropropane	9.09	63	48869	18.728	ug/l	99
46) Dibromomethane	9.18	93	29771	19.740	ug/l	97
47) Bromodichloromethane	9.37	83	65425	20.024	ug/l	97
48) Methyl methacrylate	9.17	41	49260	19.426	ug/l	99
49) 1,4-Dioxane	9.17	88	15426	396.076	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	319681	100.157	ug/l	100
52) Toluene	10.12	92	103307	19.143	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	70990	19.517	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	76190	19.521	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	41911	20.022	ug/l	99
56) Ethyl methacrylate	10.40	69	67822	19.175	ug/l	100
57) 1,3-Dichloropropane	10.68	76	75617	19.718	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	95634	95.478	ug/l	100
59) 2-Hexanone	10.72	43	229582	94.865	ug/l	99
60) Dibromochloromethane	10.87	129	46061	19.725	ug/l	97
61) 1,2-Dibromoethane	10.98	107	42270	19.393	ug/l	98
64) Tetrachloroethene	10.60	164	33419	19.177	ug/l	99
65) Chlorobenzene	11.41	112	108932	19.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	40908	19.339	ug/l	98
67) Ethyl Benzene	11.48	91	196027	19.014	ug/l	99
68) m/p-Xylenes	11.59	106	144084	38.884	ug/l	99
69) o-Xylene	11.92	106	69670	19.800	ug/l	98
70) Styrene	11.94	104	117011	19.685	ug/l	98
71) Bromoform	12.10	173	32100	20.211	ug/l #	99
73) Isopropylbenzene	12.22	105	189404	18.923	ug/l	99
74) N-amyl acetate	12.05	43	86864	19.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	64375	18.509	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	61873m	19.204	ug/l	
77) Bromobenzene	12.50	156	44642	18.560	ug/l	96
78) n-propylbenzene	12.57	91	221558	18.898	ug/l	98
79) 2-Chlorotoluene	12.65	91	133930	18.536	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	163469	19.689	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	21879	18.903	ug/l	96
82) 4-Chlorotoluene	12.75	91	139149	18.502	ug/l	99
83) tert-Butylbenzene	12.97	119	135309	19.627	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	159640	19.601	ug/l	97
85) sec-Butylbenzene	13.15	105	178879	19.381	ug/l	100
86) p-Isopropyltoluene	13.27	119	158364	19.950	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	78209	18.528	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	77381	18.623	ug/l	99
89) n-Butylbenzene	13.59	91	124421	18.241	ug/l	99
90) Hexachloroethane	13.85	117	31582	18.689	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	75556	18.720	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12961	20.525	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30647	16.649	ug/l	98
94) Hexachlorobutadiene	14.98	225	22292	20.157	ug/l	99
95) Naphthalene	15.10	128	85179	17.755	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	31800	16.719	ug/l	98

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

