

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062293.D
 Acq On : 1 Jul 2020 15:42
 Operator : JC/MD
 Sample : VN0701MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:38:53 PM

Quant Time: Jul 02 07:19:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	221504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	377143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	162557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	166917	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
35) Dibromofluoromethane	7.55	113	127495	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	10.06	98	509381	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
62) 4-Bromofluorobenzene	12.38	95	168380	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42571	17.003	ug/l	96
3) Chloromethane	2.03	50	58860	19.143	ug/l	98
4) Vinyl Chloride	2.16	62	68040	17.257	ug/l	95
5) Bromomethane	2.53	94	45281	17.769	ug/l	97
6) Chloroethane	2.67	64	46737	17.352	ug/l	96
7) Trichlorofluoromethane	2.98	101	81489	16.773	ug/l	98
8) Diethyl Ether	3.37	74	33702	19.866	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	47684	18.742	ug/l	98
10) Methyl Iodide	3.91	142	51678	18.036	ug/l	99
11) Tert butyl alcohol	4.73	59	47747	106.983	ug/l	100
12) 1,1-Dichloroethene	3.70	96	47196	18.556	ug/l	95
13) Acrolein	3.57	56	40050	91.656	ug/l	98
14) Allyl chloride	4.27	41	72196	20.849	ug/l	98
15) Acrylonitrile	4.93	53	128017	105.260	ug/l	99
16) Acetone	3.78	43	113925	114.568	ug/l	99
17) Carbon Disulfide	4.00	76	129257	17.775	ug/l	100
18) Methyl Acetate	4.28	43	56500	22.865	ug/l	94
19) Methyl tert-butyl Ether	5.00	73	160439	19.741	ug/l	96
20) Methylene Chloride	4.50	84	59029	20.559	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	51186	17.666	ug/l	94
22) Diisopropyl ether	5.90	45	164770	20.898	ug/l	95
23) Vinyl Acetate	5.84	43	669902	104.067	ug/l	98
24) 1,1-Dichloroethane	5.80	63	102147	20.119	ug/l	99
25) 2-Butanone	6.79	43	162559	106.991	ug/l	95
26) 2,2-Dichloropropane	6.78	77	83987	19.851	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	59998	18.402	ug/l	95
28) Bromochloromethane	7.15	49	44719	20.300	ug/l	90
29) Tetrahydrofuran	7.17	42	106997	107.507	ug/l	96
30) Chloroform	7.33	83	98493	19.067	ug/l	98
31) Cyclohexane	7.62	56	83419	19.424	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	80190	18.408	ug/l	97
36) 1,1-Dichloropropene	7.75	75	72240	17.388	ug/l	98
37) Ethyl Acetate	6.88	43	67598	19.650	ug/l	97
38) Carbon Tetrachloride	7.73	117	65981	16.846	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	76988	16.913	ug/l	97
40) Benzene	8.00	78	227110	17.935	ug/l	99
41) Methacrylonitrile	7.14	41	30552m	19.156	ug/l	
42) 1,2-Dichloroethane	8.09	62	80292	18.767	ug/l	98
43) Isopropyl Acetate	8.13	43	111163	19.822	ug/l #	89
44) Trichloroethene	8.80	130	51444	16.105	ug/l	97
45) 1,2-Dichloropropane	9.08	63	59071	18.909	ug/l	98
46) Dibromomethane	9.18	93	38374	18.117	ug/l	94
47) Bromodichloromethane	9.37	83	78406	18.333	ug/l	99
48) Methyl methacrylate	9.17	41	49915	19.851	ug/l	96
49) 1,4-Dioxane	9.17	88	20634	370.038	ug/l #	90
51) 4-Methyl-2-Pentanone	9.95	43	338509	103.313	ug/l	98
52) Toluene	10.12	92	140239	18.151	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	84814	18.026	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	91550	18.276	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	56790	18.699	ug/l	98
56) Ethyl methacrylate	10.40	69	75899	18.726	ug/l	96
57) 1,3-Dichloropropane	10.68	76	97560	18.662	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	143624	93.971	ug/l	96
59) 2-Hexanone	10.72	43	242828	102.633	ug/l	97
60) Dibromochloromethane	10.87	129	54742	17.025	ug/l	98
61) 1,2-Dibromoethane	10.98	107	54051	17.320	ug/l	99
64) Tetrachloroethene	10.60	164	42109	16.345	ug/l	96
65) Chlorobenzene	11.41	112	144241	17.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	49900	17.424	ug/l	98
67) Ethyl Benzene	11.48	91	256385	18.330	ug/l	99
68) m/p-Xylenes	11.60	106	189993	35.118	ug/l	96
69) o-Xylene	11.92	106	91507	17.927	ug/l	96
70) Styrene	11.94	104	152293	17.889	ug/l	98
71) Bromoform	12.10	173	33718	16.559	ug/l #	98
73) Isopropylbenzene	12.22	105	242989	19.311	ug/l	100
74) N-amyl acetate	12.05	43	89112	21.295	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	84256	20.121	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	75806m	19.810	ug/l	
77) Bromobenzene	12.50	156	55376	17.726	ug/l	89
78) n-propylbenzene	12.57	91	279758	19.437	ug/l	99
79) 2-Chlorotoluene	12.65	91	168102	19.319	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	196195	19.234	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	25798	19.688	ug/l	94
82) 4-Chlorotoluene	12.75	91	170432	18.941	ug/l	99
83) tert-Butylbenzene	12.97	119	164485	18.842	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	197178	19.354	ug/l	98
85) sec-Butylbenzene	13.15	105	221794	19.227	ug/l	98
86) p-Isopropyltoluene	13.26	119	189548	18.755	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	97604	17.792	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	98369	17.396	ug/l	97
89) n-Butylbenzene	13.59	91	155309	18.484	ug/l	99
90) Hexachloroethane	13.85	117	35958	18.135	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	97887	18.401	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14144	21.085	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	39920	17.178	ug/l	97
94) Hexachlorobutadiene	14.98	225	17886	17.721	ug/l	99
95) Naphthalene	15.10	128	117195	17.912	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	41536	17.480	ug/l	97

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

