

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062084.D
 Acq On : 25 Jun 2020 00:14
 Operator : JC/MD
 Sample : VN0624MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:52 PM

Quant Time: Jun 25 05:43:40 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	235443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	429906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	395700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	165439	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	7.55	113	136182	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.06	98	514471	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
62) 4-Bromofluorobenzene	12.38	95	164969	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46585	17.505	ug/l	100
3) Chloromethane	2.03	50	65110	19.978	ug/l	97
4) Vinyl Chloride	2.16	62	74080	17.676	ug/l	100
5) Bromomethane	2.53	94	46926	17.325	ug/l	99
6) Chloroethane	2.67	64	53473	18.678	ug/l	99
7) Trichlorofluoromethane	2.98	101	88012	17.043	ug/l	96
8) Diethyl Ether	3.37	74	35233	19.539	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45928	16.983	ug/l	97
10) Methyl Iodide	3.91	142	47404	15.565	ug/l	99
11) Tert butyl alcohol	4.74	59	46956	98.982	ug/l	98
12) 1,1-Dichloroethene	3.70	96	49311	18.240	ug/l	97
13) Acrolein	3.57	56	39556	85.166	ug/l	99
14) Allyl chloride	4.27	41	64858	17.621	ug/l	97
15) Acrylonitrile	4.93	53	125115	96.784	ug/l	100
16) Acetone	3.78	43	97894	91.829	ug/l	98
17) Carbon Disulfide	4.01	76	140220	18.140	ug/l	97
18) Methyl Acetate	4.28	43	48129	18.324	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	167176	19.352	ug/l	99
20) Methylene Chloride	4.50	84	59625	19.526	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	53515	17.376	ug/l	98
22) Diisopropyl ether	5.90	45	159423	19.023	ug/l	97
23) Vinyl Acetate	5.84	43	650373	95.052	ug/l	99
24) 1,1-Dichloroethane	5.80	63	98151	18.187	ug/l	98
25) 2-Butanone	6.79	43	152064	94.158	ug/l	99
26) 2,2-Dichloropropane	6.78	77	67945	15.109	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	62314	17.981	ug/l	98
28) Bromochloromethane	7.15	49	39096	16.697	ug/l	99
29) Tetrahydrofuran	7.17	42	101066	95.536	ug/l	98
30) Chloroform	7.33	83	100909	18.378	ug/l	98
31) Cyclohexane	7.61	56	78491	17.195	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	83006	17.926	ug/l	100
36) 1,1-Dichloropropene	7.75	75	70149	16.234	ug/l	99
37) Ethyl Acetate	6.88	43	67447	18.849	ug/l	98
38) Carbon Tetrachloride	7.73	117	69219	16.991	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	73921	15.613	ug/l	100
40) Benzene	8.00	78	227971	17.309	ug/l	100
41) Methacrylonitrile	7.13	41	28746	17.329	ug/l	98
42) 1,2-Dichloroethane	8.08	62	81957	18.418	ug/l	99
43) Isopropyl Acetate	8.13	43	105906	18.156	ug/l #	88
44) Trichloroethene	8.80	130	55784	16.790	ug/l	100
45) 1,2-Dichloropropane	9.08	63	58683	18.060	ug/l	94
46) Dibromomethane	9.17	93	39813	18.072	ug/l	98
47) Bromodichloromethane	9.37	83	79703	17.918	ug/l	100
48) Methyl methacrylate	9.17	41	47344	18.102	ug/l	98
49) 1,4-Dioxane	9.17	88	21092	363.662	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	322818	94.724	ug/l	99
52) Toluene	10.12	92	141176	17.567	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	81642	16.682	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	90320	17.335	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	57209	18.110	ug/l	98
56) Ethyl methacrylate	10.40	69	76904	18.242	ug/l	97
57) 1,3-Dichloropropane	10.68	76	98569	18.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	139591	88.865	ug/l	99
59) 2-Hexanone	10.72	43	225785	91.749	ug/l	100
60) Dibromochloromethane	10.87	129	60665	18.139	ug/l	98
61) 1,2-Dibromoethane	10.98	107	58367	17.982	ug/l	99
64) Tetrachloroethene	10.60	164	45215	16.728	ug/l	97
65) Chlorobenzene	11.41	112	149273	17.178	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	53063	17.659	ug/l	100
67) Ethyl Benzene	11.48	91	254224	17.323	ug/l	99
68) m/p-Xylenes	11.60	106	194158	34.205	ug/l	100
69) o-Xylene	11.92	106	92464	17.265	ug/l	98
70) Styrene	11.94	104	155405	17.399	ug/l	99
71) Bromoform	12.10	173	38360	17.955	ug/l #	98
73) Isopropylbenzene	12.22	105	241281	18.052	ug/l	99
74) N-amyl acetate	12.05	43	80989	18.703	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	84679	19.038	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	71361m	17.556	ug/l	
77) Bromobenzene	12.50	156	59639	17.972	ug/l	98
78) n-propylbenzene	12.57	91	269949	17.657	ug/l	99
79) 2-Chlorotoluene	12.65	91	164697	17.819	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	197054	18.186	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	22711	16.317	ug/l	93
82) 4-Chlorotoluene	12.75	91	164124	17.171	ug/l	100
83) tert-Butylbenzene	12.97	119	163369	17.618	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	194601	17.983	ug/l	99
85) sec-Butylbenzene	13.15	105	214038	17.468	ug/l	100
86) p-Isopropyltoluene	13.26	119	186851	17.406	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	101340	17.391	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	97550	16.241	ug/l	95
89) n-Butylbenzene	13.59	91	142278	15.942	ug/l	100
90) Hexachloroethane	13.85	117	35954	17.070	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	97801	17.308	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14479	20.320	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	40878	16.560	ug/l	98
94) Hexachlorobutadiene	14.98	225	17820	16.621	ug/l	100
95) Naphthalene	15.11	128	122340	17.672	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	42806	16.959	ug/l	98

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

