

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062104.D
 Acq On : 25 Jun 2020 12:24
 Operator : JC/MD
 Sample : VN0625MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:00:58 PM

Quant Time: Jun 26 02:19:36 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	7.62	168	233292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	422380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	400676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	170931	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
35) Dibromofluoromethane	7.54	113	135958	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.06	98	521542	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.37	95	182146	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45116	17.109	ug/l	100
3) Chloromethane	2.03	50	58928	18.129	ug/l	99
4) Vinyl Chloride	2.16	62	69295	16.687	ug/l	99
5) Bromomethane	2.54	94	47254	17.607	ug/l	95
6) Chloroethane	2.67	64	48571	17.122	ug/l	97
7) Trichlorofluoromethane	2.98	101	80177	15.669	ug/l	100
8) Diethyl Ether	3.37	74	34340	19.219	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46755	17.449	ug/l	98
10) Methyl Iodide	3.91	142	52092	17.262	ug/l	98
11) Tert butyl alcohol	4.72	59	44994	95.721	ug/l #	90
12) 1,1-Dichloroethene	3.69	96	46309	17.288	ug/l	96
13) Acrolein	3.56	56	42981	93.394	ug/l	99
14) Allyl chloride	4.27	41	67219	18.431	ug/l	99
15) Acrylonitrile	4.93	53	124132	96.909	ug/l	99
16) Acetone	3.77	43	104508	99.256	ug/l	99
17) Carbon Disulfide	4.01	76	131669	17.194	ug/l	99
18) Methyl Acetate	4.27	43	48428	18.608	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	168074	19.635	ug/l	100
20) Methylene Chloride	4.50	84	60997	20.167	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	53914	17.667	ug/l	97
22) Diisopropyl ether	5.90	45	155484	18.724	ug/l	97
23) Vinyl Acetate	5.84	43	654973	96.606	ug/l	99
24) 1,1-Dichloroethane	5.79	63	98016	18.330	ug/l	99
25) 2-Butanone	6.78	43	152005	94.990	ug/l	99
26) 2,2-Dichloropropane	6.77	77	77269	17.340	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	62111	18.088	ug/l	99
28) Bromochloromethane	7.14	49	41691	17.969	ug/l	99
29) Tetrahydrofuran	7.16	42	101742	97.061	ug/l	99
30) Chloroform	7.32	83	99838	18.351	ug/l	99
31) Cyclohexane	7.61	56	75638	16.722	ug/l	92
32) 1,1,1-Trichloroethane	7.52	97	81878	17.846	ug/l	100
36) 1,1-Dichloropropene	7.75	75	70041	16.497	ug/l	99
37) Ethyl Acetate	6.88	43	65058	18.506	ug/l	99
38) Carbon Tetrachloride	7.73	117	67844	16.950	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	75146	16.154	ug/l	100
40) Benzene	8.00	78	224777	17.370	ug/l	100
41) Methacrylonitrile	7.14	41	33613m	20.624	ug/l	
42) 1,2-Dichloroethane	8.08	62	80757	18.471	ug/l	99
43) Isopropyl Acetate	8.12	43	107262	18.716	ug/l #	88
44) Trichloroethene	8.80	130	54623	16.734	ug/l	96
45) 1,2-Dichloropropane	9.08	63	59375	18.599	ug/l	100
46) Dibromomethane	9.17	93	40321	18.629	ug/l	100
47) Bromodichloromethane	9.37	83	80626	18.448	ug/l	99
48) Methyl methacrylate	9.16	41	47208	18.372	ug/l	99
49) 1,4-Dioxane	9.16	88	17528	307.597	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	317479	94.817	ug/l	100
52) Toluene	10.12	92	142510	18.049	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	86614	18.014	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	93907	18.345	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	59101	19.042	ug/l	98
56) Ethyl methacrylate	10.40	69	77785	18.780	ug/l	100
57) 1,3-Dichloropropane	10.68	76	99227	18.574	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	153275	97.421	ug/l	100
59) 2-Hexanone	10.72	43	223444	92.415	ug/l	98
60) Dibromochloromethane	10.87	129	60901	18.534	ug/l	100
61) 1,2-Dibromoethane	10.98	107	59254	18.580	ug/l	100
64) Tetrachloroethene	10.60	164	44651	16.314	ug/l	98
65) Chlorobenzene	11.40	112	152649	17.349	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	54787	18.007	ug/l	99
67) Ethyl Benzene	11.48	91	257344	17.318	ug/l	100
68) m/p-Xylenes	11.59	106	202010	35.146	ug/l	98
69) o-Xylene	11.92	106	93354	17.214	ug/l	98
70) Styrene	11.94	104	156825	17.340	ug/l	99
71) Bromoform	12.10	173	38965	18.012	ug/l #	96
73) Isopropylbenzene	12.22	105	242467	16.550	ug/l	99
74) N-amyl acetate	12.04	43	85347	18.110	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	84994	17.433	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	74421m	16.703	ug/l	
77) Bromobenzene	12.50	156	61851	17.004	ug/l	99
78) n-propylbenzene	12.56	91	277448	16.556	ug/l	99
79) 2-Chlorotoluene	12.65	91	167716	16.554	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	200896	16.915	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	25280	16.570	ug/l	95
82) 4-Chlorotoluene	12.75	91	173970	16.605	ug/l	99
83) tert-Butylbenzene	12.97	119	162936	16.030	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	205208	17.300	ug/l	97
85) sec-Butylbenzene	13.15	105	221645	16.503	ug/l	100
86) p-Isopropyltoluene	13.26	119	196431	16.693	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	106683	16.703	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	107162	16.276	ug/l	98
89) n-Butylbenzene	13.59	91	160548	16.411	ug/l	98
90) Hexachloroethane	13.85	117	36438	15.783	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	107505	17.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14231	18.221	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	47054	17.391	ug/l	97
94) Hexachlorobutadiene	14.98	225	19042	16.204	ug/l	95
95) Naphthalene	15.10	128	135136	17.777	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	48731	17.614	ug/l	99

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

