

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
 Data File : VN059092.D
 Acq On : 6 Nov 2019 8:55
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 8:38:38 AM

Quant Time: Nov 07 03:21:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 03:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	458257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	730984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	636267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	240984	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	4916	1.000	ug/l	98
3) Chloromethane	2.04	50	7378	1.108	ug/l	93
4) Vinyl Chloride	2.17	62	6488	1.002	ug/l #	85
6) Chloroethane	2.69	64	4169	1.051	ug/l	100
7) Trichlorofluoromethane	3.00	101	7685	0.996	ug/l	95
8) Diethyl Ether	3.39	74	2964	0.981	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	4569	1.004	ug/l	94
12) 1,1-Dichloroethene	3.71	96	4514	0.998	ug/l	98
14) Allyl chloride	4.29	41	9811	1.095	ug/l	97
15) Acrylonitrile	4.96	53	11791	4.191	ug/l	91
16) Acetone	3.79	43	12826	4.158	ug/l	97
17) Carbon Disulfide	4.03	76	15307	1.073	ug/l #	93
18) Methyl Acetate	4.31	43	6833m	0.879	ug/l	
19) Methyl tert-butyl Ether	5.02	73	14187	0.920	ug/l	97
20) Methylene Chloride	4.52	84	5666	1.056	ug/l	94
21) trans-1,2-Dichloroethene	5.01	96	4646	0.958	ug/l	85
22) Diisopropyl ether	5.92	45	16028	0.938	ug/l	93
23) Vinyl Acetate	5.87	43	60540	4.460	ug/l	98
24) 1,1-Dichloroethane	5.82	63	9578	0.980	ug/l #	94
25) 2-Butanone	6.81	43	17226	4.223	ug/l	96
26) 2,2-Dichloropropane	6.79	77	9149	1.080	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	5563	1.015	ug/l	97
28) Bromochloromethane	7.17	49	3048	1.017	ug/l #	100
29) Tetrahydrofuran	7.19	42	11468	4.458	ug/l	96
30) Chloroform	7.35	83	9500	1.017	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	7275	0.921	ug/l #	49
36) 1,1-Dichloropropene	7.77	75	6536	0.904	ug/l	97
37) Ethyl Acetate	6.90	43	7415	0.922	ug/l #	83
38) Carbon Tetrachloride	7.75	117	6940	0.984	ug/l	93
39) Methylcyclohexane	9.06	83	7214	0.866	ug/l	98
40) Benzene	8.01	78	20719	0.963	ug/l	99
41) Methacrylonitrile	7.15	41	2589m	0.741	ug/l	
42) 1,2-Dichloroethane	8.10	62	7022	0.939	ug/l	88
43) Isopropyl Acetate	8.14	43	11892	0.948	ug/l #	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	5064	0.956	ug/l	96
45) 1,2-Dichloropropane	9.10	63	5541	0.952	ug/l	97
46) Dibromomethane	9.19	93	3770	1.049	ug/l	95
47) Bromodichloromethane	9.38	83	6791	0.931	ug/l	91
48) Methyl methacrylate	9.18	41	5062	0.884	ug/l	94
49) 1,4-Dioxane	9.18	88	1788	19.270	ug/l	93
51) 4-Methyl-2-Pentanone	9.97	43	30177	4.127	ug/l	97
52) Toluene	10.14	92	11804	0.938	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	7883	0.937	ug/l #	61
54) cis-1,3-Dichloropropene	9.82	75	8095	0.913	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	5199	1.011	ug/l	95
56) Ethyl methacrylate	10.42	69	5373	0.695	ug/l #	79
57) 1,3-Dichloropropane	10.70	76	8532	0.955	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.68	63	12842	4.184	ug/l	97
59) 2-Hexanone	10.74	43	21918	3.946	ug/l	96
60) Dibromochloromethane	10.89	129	5134	0.929	ug/l	93
61) 1,2-Dibromoethane	11.00	107	4907	0.945	ug/l	100
64) Tetrachloroethene	10.62	164	4623	1.041	ug/l	96
65) Chlorobenzene	11.43	112	12582	0.967	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.50	131	4846	1.011	ug/l #	61
67) Ethyl Benzene	11.51	91	22470	0.998	ug/l	95
68) m/p-Xylenes	11.62	106	15703	1.865	ug/l	100
69) o-Xylene	11.94	106	7783	0.969	ug/l	97
70) Styrene	11.96	104	10576	0.814	ug/l	97
71) Bromoform	12.12	173	3509	0.947	ug/l #	95
73) Isopropylbenzene	12.25	105	20024	1.132	ug/l	95
74) N-amyl acetate	12.07	43	6488	0.829	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	6665	1.058	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	6419m	1.140	ug/l	
77) Bromobenzene	12.53	156	5111	1.152	ug/l	96
78) n-propylbenzene	12.59	91	22090	1.081	ug/l	100
79) 2-Chlorotoluene	12.67	91	13835	1.090	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	15891	1.056	ug/l	100
82) 4-Chlorotoluene	12.77	91	13017	1.004	ug/l	99
83) tert-Butylbenzene	12.99	119	14243	1.111	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	14756	1.013	ug/l	99
85) sec-Butylbenzene	13.17	105	17655	1.054	ug/l	98
86) p-Isopropyltoluene	13.29	119	14184	0.940	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	7930	1.010	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	8247m	1.063	ug/l	
89) n-Butylbenzene	13.62	91	12451	0.950	ug/l	92
90) Hexachloroethane	13.88	117	3447	1.151	ug/l	76
91) 1,2-Dichlorobenzene	13.66	146	7692	0.982	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.28	75	1974	1.453	ug/l	53
93) 1,2,4-Trichlorobenzene	14.91	180	3365	0.801	ug/l	96
94) Hexachlorobutadiene	15.01	225	2842	1.119	ug/l	90
95) Naphthalene	15.13	128	9811	0.852	ug/l	96
96) 1,2,3-Trichlorobenzene	15.30	180	4229	0.984	ug/l	83

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

