

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120919\
 Data File : VN059533.D
 Acq On : 9 Dec 2019 17:19
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 12/10/2019 5:10:57 PM

Quant Time: Dec 09 17:42:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 09 16:19:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	298967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	517639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	378668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	164602	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	3211	0.976 ug/l	98
3) Chloromethane	2.04	50	5408	1.204 ug/l	95
4) Vinyl Chloride	2.17	62	4876	1.611 ug/l	96
6) Chloroethane	2.68	64	3169	1.792 ug/l	89
7) Trichlorofluoromethane	3.00	101	5465	1.514 ug/l	91
8) Diethyl Ether	3.39	74	2178	1.064 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	2744	0.885 ug/l	98
12) 1,1-Dichloroethene	3.72	96	2704	0.898 ug/l	94
14) Allyl chloride	4.29	41	5783	0.967 ug/l	96
15) Acrylonitrile	4.97	53	7712	4.192 ug/l	90
16) Acetone	3.80	43	11799	4.837 ug/l #	85
17) Carbon Disulfide	4.03	76	16100	1.556 ug/l	100
18) Methyl Acetate	4.30	43	5497m	1.124 ug/l	
19) Methyl tert-butyl Ether	5.00	73	8437m	0.815 ug/l	
20) Methylene Chloride	4.53	84	5371	1.401 ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	3305	0.976 ug/l	87
22) Diisopropyl ether	5.93	45	9372	0.841 ug/l	95
23) Vinyl Acetate	5.87	43	36717	4.086 ug/l	99
24) 1,1-Dichloroethane	5.82	63	5842	0.924 ug/l #	85
25) 2-Butanone	6.82	43	11096	4.023 ug/l	96
26) 2,2-Dichloropropane	6.79	77	5622	1.018 ug/l #	67
27) cis-1,2-Dichloroethene	6.81	96	3439	0.912 ug/l	97
28) Bromochloromethane	7.17	49	1107	0.549 ug/l #	52
29) Tetrahydrofuran	7.19	42	8076	4.635 ug/l	99
30) Chloroform	7.35	83	5561	0.904 ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	5106	0.952 ug/l #	37
36) 1,1-Dichloropropene	7.77	75	5480	1.039 ug/l	95
37) Ethyl Acetate	6.91	43	3469	0.588 ug/l #	83
38) Carbon Tetrachloride	7.75	117	4916	0.964 ug/l	92
39) Methylcyclohexane	9.07	83	5345	0.849 ug/l	92
40) Benzene	8.02	78	15702	1.021 ug/l	99
41) Methacrylonitrile	7.16	41	2096	0.862 ug/l #	100
42) 1,2-Dichloroethane	8.10	62	5073	0.950 ug/l	87
43) Isopropyl Acetate	8.15	43	7936	0.900 ug/l #	71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	3918	0.977	ug/l	92
45) 1,2-Dichloropropane	9.11	63	3712	0.902	ug/l	95
46) Dibromomethane	9.20	93	2636	1.023	ug/l	94
47) Bromodichloromethane	9.39	83	4691	0.905	ug/l #	93
48) Methyl methacrylate	9.19	41	3086	0.777	ug/l	96
49) 1,4-Dioxane	9.19	88	816	13.946	ug/l	93
51) 4-Methyl-2-Pentanone	9.98	43	17630	3.374	ug/l	99
52) Toluene	10.15	92	6557	0.707	ug/l	86
53) t-1,3-Dichloropropene	10.38	75	4708	0.774	ug/l	91
54) cis-1,3-Dichloropropene	9.83	75	5344	0.833	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	2923	0.798	ug/l #	84
56) Ethyl methacrylate	10.42	69	3160	0.595	ug/l #	82
57) 1,3-Dichloropropane	10.70	76	4722	0.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	7484	4.825	ug/l	94
59) 2-Hexanone	10.75	43	13523	3.439	ug/l	94
60) Dibromochloromethane	10.90	129	2882	0.732	ug/l	99
61) 1,2-Dibromoethane	11.00	107	2963	0.781	ug/l	92
64) Tetrachloroethene	10.63	164	2798	0.912	ug/l	99
65) Chlorobenzene	11.43	112	8004	0.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	2785	0.958	ug/l #	52
67) Ethyl Benzene	11.51	91	13159	0.930	ug/l	93
68) m/p-Xylenes	11.62	106	9360	1.762	ug/l	92
69) o-Xylene	11.95	106	4298	0.849	ug/l	88
70) Styrene	11.97	104	7310	0.902	ug/l	92
71) Bromoform	12.13	173	1930	0.840	ug/l #	98
73) Isopropylbenzene	12.25	105	11524	0.919	ug/l	99
74) N-amyl acetate	12.07	43	3971	0.775	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	4182	1.027	ug/l #	94
76) 1,2,3-Trichloropropane	12.55	75	4358m	1.084	ug/l	
77) Bromobenzene	12.52	156	3182	1.002	ug/l	92
78) n-propylbenzene	12.59	91	13761	0.933	ug/l	99
79) 2-Chlorotoluene	12.67	91	8359	0.939	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	9139	0.861	ug/l	100
82) 4-Chlorotoluene	12.77	91	9024	0.978	ug/l	99
83) tert-Butylbenzene	12.99	119	7860	0.854	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	9225	0.887	ug/l	97
85) sec-Butylbenzene	13.17	105	11032	0.901	ug/l	98
86) p-Isopropyltoluene	13.29	119	9421	0.856	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	6123	1.083	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	6302m	1.104	ug/l	
89) n-Butylbenzene	13.62	91	9997	1.011	ug/l	97
90) Hexachloroethane	13.88	117	1778	0.839	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	5769	1.066	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1496	1.522	ug/l #	59
93) 1,2,4-Trichlorobenzene	14.91	180	4644	1.364	ug/l	93
94) Hexachlorobutadiene	15.01	225	2076	0.980	ug/l	89
95) Naphthalene	15.13	128	14037	1.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	5486	1.507	ug/l	91

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

