

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121319\
 Data File : VN059592.D
 Acq On : 13 Dec 2019 18:34
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 12/16/2019 12:49:09 PM

Quant Time: Dec 13 22:56:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 22:31:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	246200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	401716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	350704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147265	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	3348	1.144	ug/l	97
3) Chloromethane	2.04	50	5744	1.282	ug/l	100
4) Vinyl Chloride	2.17	62	5049	1.155	ug/l	94
6) Chloroethane	2.68	64	2911	1.122	ug/l	97
7) Trichlorofluoromethane	2.99	101	5342	1.026	ug/l	98
8) Diethyl Ether	3.39	74	1488	0.840	ug/l	74
9) 1,1,2-Trichlorotrifluoroet	3.73	101	2660	0.990	ug/l	96
12) 1,1-Dichloroethene	3.72	96	2707	1.030	ug/l #	76
14) Allyl chloride	4.29	41	6095	1.209	ug/l #	92
15) Acrylonitrile	4.96	53	7009	4.555	ug/l	98
16) Acetone	3.80	43	12353	7.108	ug/l	90
17) Carbon Disulfide	4.02	76	12242	1.269	ug/l	99
18) Methyl Acetate	4.30	43	4908	1.134	ug/l #	83
19) Methyl tert-butyl Ether	5.02	73	8647	0.991	ug/l	100
20) Methylene Chloride	4.52	84	3376	1.014	ug/l #	90
21) trans-1,2-Dichloroethene	5.01	96	3135	1.116	ug/l	94
22) Diisopropyl ether	5.92	45	8951	0.933	ug/l #	73
23) Vinyl Acetate	5.87	43	31849	4.010	ug/l	99
24) 1,1-Dichloroethane	5.82	63	5329	0.978	ug/l #	85
25) 2-Butanone	6.82	43	11887	5.273	ug/l	96
26) 2,2-Dichloropropane	6.80	77	4987m	1.012	ug/l	
27) cis-1,2-Dichloroethene	6.81	96	2997	0.947	ug/l	89
28) Bromochloromethane	7.18	49	924m	0.521	ug/l	
29) Tetrahydrofuran	7.20	42	7428	4.829	ug/l	94
30) Chloroform	7.35	83	5184	0.964	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	5004	1.049	ug/l #	51
36) 1,1-Dichloropropene	7.77	75	3834	0.916	ug/l	96
37) Ethyl Acetate	6.91	43	4908	1.125	ug/l #	69
38) Carbon Tetrachloride	7.75	117	4345	1.050	ug/l	98
39) Methylcyclohexane	9.07	83	4378	0.934	ug/l	95
40) Benzene	8.02	78	11915	0.994	ug/l	98
41) Methacrylonitrile	7.15	41	1791	0.891	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	4360	0.975	ug/l	82
43) Isopropyl Acetate	8.15	43	6684	0.922	ug/l #	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	3264	1.075	ug/l	80
45) 1,2-Dichloropropane	9.10	63	3311	1.044	ug/l #	88
46) Dibromomethane	9.20	93	2113	1.005	ug/l	100
47) Bromodichloromethane	9.39	83	3802	0.912	ug/l #	94
48) Methyl methacrylate	9.19	41	3075	0.966	ug/l	88
49) 1,4-Dioxane	9.19	88	719	16.885	ug/l #	78
51) 4-Methyl-2-Pentanone	9.98	43	19022	4.512	ug/l	100
52) Toluene	10.15	92	7373	1.031	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	4428	0.910	ug/l	90
54) cis-1,3-Dichloropropene	9.83	75	4767	0.956	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	2807	0.971	ug/l	91
56) Ethyl methacrylate	10.42	69	3281	0.768	ug/l	94
57) 1,3-Dichloropropane	10.70	76	4761	0.963	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.69	63	5801	4.285	ug/l	94
59) 2-Hexanone	10.75	43	13932	4.360	ug/l	98
60) Dibromochloromethane	10.90	129	2832	0.903	ug/l	95
61) 1,2-Dibromoethane	11.00	107	3132	1.042	ug/l	90
64) Tetrachloroethene	10.63	164	3595	1.321	ug/l	95
65) Chlorobenzene	11.43	112	7423	0.991	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.51	131	2777	0.993	ug/l #	62
67) Ethyl Benzene	11.51	91	13160	0.978	ug/l	97
68) m/p-Xylenes	11.62	106	9304	1.867	ug/l	96
69) o-Xylene	11.95	106	4357	0.936	ug/l	99
70) Styrene	11.96	104	6741	0.875	ug/l	95
71) Bromoform	12.13	173	1725	0.795	ug/l #	96
73) Isopropylbenzene	12.25	105	11401	0.990	ug/l	98
74) N-amyl acetate	12.07	43	4001	0.793	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	3534	0.920	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	4022m	1.038	ug/l	
77) Bromobenzene	12.53	156	3168	1.122	ug/l	96
78) n-propylbenzene	12.59	91	13801	0.986	ug/l	98
79) 2-Chlorotoluene	12.67	91	8836	1.058	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	9332	0.958	ug/l	98
82) 4-Chlorotoluene	12.77	91	8657	1.017	ug/l	100
83) tert-Butylbenzene	12.99	119	8374	1.033	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	9049	0.942	ug/l	100
85) sec-Butylbenzene	13.17	105	10315	0.929	ug/l	98
86) p-Isopropyltoluene	13.29	119	9226	0.931	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	5820	1.125	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	6248m	1.236	ug/l	
89) n-Butylbenzene	13.62	91	9247	0.990	ug/l	93
90) Hexachloroethane	13.88	117	1763	0.963	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	5995	1.230	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1671	1.715	ug/l #	53
93) 1,2,4-Trichlorobenzene	14.91	180	3878	1.170	ug/l	98
94) Hexachlorobutadiene	15.01	225	2428	1.451	ug/l	97
95) Naphthalene	15.13	128	12184	1.247	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	4425	1.299	ug/l	95

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

