

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058463.D
 Acq On : 1 Oct 2019 14:24
 Operator : JC/SP
 Sample : K5095-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-5

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 12:20:33 PM

Quant Time: Oct 02 07:14:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	462962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	777170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	636489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	295051	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	323485	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	7.59	113	245183	51.47	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	10.09	98	971113	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.41	95	320401	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	

Target Compounds

						Qvalue
3) Chloromethane	2.03	50	10563	1.893	ug/l	98
4) Vinyl Chloride	2.17	62	19449	3.557	ug/l	94
6) Chloroethane	2.69	64	4103	1.253	ug/l #	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	1552586	346.514	ug/l	99
12) 1,1-Dichloroethene	3.72	96	5301901	1213.985	ug/l #	70
16) Acetone	3.80	43	114006	49.433	ug/l	99
17) Carbon Disulfide	4.04	76	12321	1.070	ug/l #	95
18) Methyl Acetate	4.32	43	6190m	1.067	ug/l	
20) Methylene Chloride	4.53	84	455516	85.587	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	69405	14.291	ug/l	96
24) 1,1-Dichloroethane	5.83	63	3843816	399.334	ug/l	100
25) 2-Butanone	6.81	43	62644	19.784	ug/l #	1
27) cis-1,2-Dichloroethene	6.81	96	5149572	907.226	ug/l	83
30) Chloroform	7.36	83	717369	73.546	ug/l	99
32) 1,1,1-Trichloroethane	7.58	97	18563825	2317.631	ug/l #	59
39) Methylcyclohexane	9.07	83	22118	2.549	ug/l	91
40) Benzene	8.03	78	3063875	143.433	ug/l	98
42) 1,2-Dichloroethane	8.11	62	186736	22.470	ug/l	100
44) Trichloroethene	8.83	130	6274401	1189.589	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	599820	98.561	ug/l	100
52) Toluene	10.15	92	7246347	538.954	ug/l #	56
55) 1,1,2-Trichloroethane	10.57	97	693851	141.728	ug/l	98
64) Tetrachloroethene	10.69	164	15500246m	3833.069	ug/l	
65) Chlorobenzene	11.44	112	208986	16.518	ug/l	99
67) Ethyl Benzene	11.52	91	521337	22.750	ug/l	100
68) m/p-Xylenes	11.62	106	637462	73.934	ug/l	96
69) o-Xylene	11.95	106	300238	36.173	ug/l	95
73) Isopropylbenzene	12.26	105	207081	9.497	ug/l	99
78) n-propylbenzene	12.60	91	1005442	40.929	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1319802	72.306	ug/l	100
83) tert-Butylbenzene	13.00	119	21058	1.367	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	3696790	202.146	ug/l	85
85) sec-Butylbenzene	13.18	105	165364	8.157	ug/l #	71
86) p-Isopropyltoluene	13.30	119	197285	11.056	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	13.29	146	13068	1.410	ug/l	94
88) 1,4-Dichlorobenzene	13.37	146	62628	6.790	ug/l	95
89) n-Butylbenzene	13.62	91	166500	10.300	ug/l #	78
91) 1,2-Dichlorobenzene	13.66	146	119212	13.383	ug/l	99
93) 1,2,4-Trichlorobenzene	14.92	180	62252	12.647	ug/l	94
95) Naphthalene	15.14	128	381393	26.444	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	12355	2.479	ug/l #	85

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

