

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056268.D
 Acq On : 12 Jun 2019 22:59
 Operator : JC/SP
 Sample : K3315-04MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MSD

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 11:08:59 AM

Quant Time: Jun 13 06:39:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	305071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	411383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	375341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	175508	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	143710	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	7.59	113	137130	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
50) Toluene-d8	10.09	98	493516	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.40	95	167490	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	139240	41.605	ug/l	100
3) Chloromethane	2.06	50	143982	43.539	ug/l	99
4) Vinyl Chloride	2.18	62	145233	43.782	ug/l	99
5) Bromomethane	2.53	94	90755	43.310	ug/l	100
6) Chloroethane	2.68	64	83283	43.302	ug/l	99
7) Trichlorofluoromethane	3.00	101	192131	45.370	ug/l	100
8) Diethyl Ether	3.40	74	75471	43.337	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	119433	46.428	ug/l	97
10) Methyl Iodide	3.94	142	182578	44.662	ug/l	99
11) Tert butyl alcohol	4.82	59	122358	232.122	ug/l	99
12) 1,1-Dichloroethene	3.72	96	118818	46.395	ug/l	94
13) Acrolein	3.60	56	32059	210.876	ug/l	99
14) Allyl chloride	4.31	41	180282	44.580	ug/l	98
15) Acrylonitrile	4.99	53	347300	270.656	ug/l	100
16) Acetone	3.82	43	282526	195.017	ug/l	98
17) Carbon Disulfide	4.04	76	260382	42.463	ug/l	100
18) Methyl Acetate	4.33	43	135733	47.670	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	383161	46.937	ug/l	99
20) Methylene Chloride	4.54	84	141205	47.309	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	126391	46.060	ug/l	95
22) Diisopropyl ether	5.96	45	386637	46.251	ug/l	97
23) Vinyl Acetate	5.90	43	1309983	198.990	ug/l	99
24) 1,1-Dichloroethane	5.84	63	227327	47.143	ug/l	99
25) 2-Butanone	6.84	43	461113	251.917	ug/l	100
26) 2,2-Dichloropropane	6.82	77	117977	31.354	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	172635	53.521	ug/l	93
28) Bromochloromethane	7.19	49	111472	48.883	ug/l	91
29) Tetrahydrofuran	7.22	42	299469	264.676	ug/l	99
30) Chloroform	7.37	83	239725	49.419	ug/l	99
31) Cyclohexane	7.65	56	196442	40.870	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	198015	48.883	ug/l	99
36) 1,1-Dichloropropene	7.79	75	165272	46.722	ug/l	98
37) Ethyl Acetate	6.94	43	151067	47.998	ug/l	99
38) Carbon Tetrachloride	7.77	117	176748	54.197	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056268.D
 Acq On : 12 Jun 2019 22:59
 Operator : JC/SP
 Sample : K3315-04MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MSD

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 11:08:59 AM

Quant Time: Jun 13 06:39:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	199567	45.289	ug/l	97
40) Benzene	8.04	78	536487	49.935	ug/l	100
41) Methacrylonitrile	7.18	41	87155	60.186	ug/l	99
42) 1,2-Dichloroethane	8.12	62	171791	49.710	ug/l	99
43) Isopropyl Acetate	8.17	43	241026	47.258	ug/l #	92
44) Trichloroethene	8.83	130	282751	91.589	ug/l	95
45) 1,2-Dichloropropane	9.12	63	139982	50.867	ug/l	99
46) Dibromomethane	9.21	93	95602	53.126	ug/l	93
47) Bromodichloromethane	9.40	83	181017	55.501	ug/l	98
48) Methyl methacrylate	9.20	41	134195	53.782	ug/l	96
49) 1,4-Dioxane	9.21	88	61302	1138.014	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	883512	277.014	ug/l	99
52) Toluene	10.16	92	335531	50.189	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	167634	44.134	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	195033	49.749	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	142408	53.776	ug/l	100
56) Ethyl methacrylate	10.43	69	204876	53.030	ug/l	98
57) 1,3-Dichloropropane	10.71	76	225644	52.415	ug/l	100
59) 2-Hexanone	10.75	43	621301	268.774	ug/l	99
60) Dibromochloromethane	10.90	129	160159	54.599	ug/l	100
61) 1,2-Dibromoethane	11.00	107	148085	54.700	ug/l	98
64) Tetrachloroethene	10.63	164	156813	48.265	ug/l	97
65) Chlorobenzene	11.43	112	377533	50.540	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	146434	56.772	ug/l	99
67) Ethyl Benzene	11.51	91	636659	49.014	ug/l	98
68) m/p-Xylenes	11.62	106	494664	99.690	ug/l	97
69) o-Xylene	11.95	106	243426	49.873	ug/l	97
70) Stvrene	11.96	104	404962	52.219	ug/l	99
71) Bromoform	12.13	173	125653	57.585	ug/l #	99
73) Isopropylbenzene	12.25	105	636991	50.964	ug/l	99
74) N-amyl acetate	12.07	43	180950	38.677	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	201232	49.391	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	158733m	49.152	ug/l	
77) Bromobenzene	12.53	156	184130	49.002	ug/l	91
78) n-propylbenzene	12.59	91	671574	45.230	ug/l	98
79) 2-Chlorotoluene	12.67	91	413318	50.196	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	526177	44.590	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	42541	43.868	ug/l	90
82) 4-Chlorotoluene	12.77	91	398937	45.925	ug/l	97
83) tert-Butylbenzene	12.99	119	469910	51.400	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	518731	46.355	ug/l	99
85) sec-Butylbenzene	13.17	105	596490	45.363	ug/l	98
86) p-Isopropyltoluene	13.29	119	542567	46.105	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	288418	49.593	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	272201	48.656	ug/l	99
89) n-Butylbenzene	13.61	91	377343	43.285	ug/l	99
90) Hexachloroethane	13.87	117	93194	52.512	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	290027	49.395	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31488	54.034	ug/l	84
93) 1,2,4-Trichlorobenzene	14.91	180	139231	43.626	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
Data File : VN056268.D
Acq On : 12 Jun 2019 22:59
Operator : JC/SP
Sample : K3315-04MSD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MSD

Manual Integrations
APPROVED

MMDadoda
6/13/2019 11:08:59 AM

Quant Time: Jun 13 06:39:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	116038	57.952	ug/l	99
95) Naphthalene	15.13	128	354558	42.834	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	159221	48.390	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061219\
Data File : VN056268.D
Acq On : 12 Jun 2019 22:59
Operator : JC/SP
Sample : K3315-04MSD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MSD

Manual Integrations
APPROVED

MMDadoda
6/13/2019 11:08:59 AM

Quant Time: Jun 13 06:39:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

