

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053482.D
 Acq On : 18 Jan 2019 19:44
 Operator : JC/SP
 Sample : K1199-11MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-2327MSD

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Jan 19 01:14:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	718296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1101826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1006377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	502164	50.00	ug/l	0.00

1/21/2019 10:48:38 AM

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	384372	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
35) Dibromofluoromethane	7.59	113	336798	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
50) Toluene-d8	10.09	98	1348672	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.40	95	479536	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	285388	49.417	ug/l	99
3) Chloromethane	2.06	50	399136	48.339	ug/l	100
4) Vinyl Chloride	2.19	62	384929	48.362	ug/l	99
5) Bromomethane	2.57	94	274569	50.276	ug/l	97
6) Chloroethane	2.71	64	235510	48.941	ug/l	97
7) Trichlorofluoromethane	3.02	101	535192	51.407	ug/l	100
8) Diethyl Ether	3.41	74	215877	55.210	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	333383	50.564	ug/l	99
10) Methyl Iodide	3.96	142	522437	51.852	ug/l	100
11) Tert butyl alcohol	4.78	59	148545	427.590	ug/l	100
12) 1,1-Dichloroethene	3.74	96	330061	51.611	ug/l	99
13) Acrolein	3.61	56	160060	237.378	ug/l	98
14) Allyl chloride	4.33	41	512380	49.326	ug/l	96
15) Acrylonitrile	4.99	53	706320	308.939	ug/l	100
16) Acetone	3.82	43	473788	284.436	ug/l	100
17) Carbon Disulfide	4.06	76	946528	48.944	ug/l	100
18) Methyl Acetate	4.33	43	329742	58.756	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	979674	57.655	ug/l	99
20) Methylene Chloride	4.55	84	386673	50.846	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	360233	52.688	ug/l	94
22) Diisopropyl ether	5.95	45	1162190	53.593	ug/l	99
23) Vinyl Acetate	5.90	43	3738783	280.474	ug/l	99
24) 1,1-Dichloroethane	5.85	63	668996	52.186	ug/l	99
25) 2-Butanone	6.83	43	800334	311.793	ug/l	100
26) 2,2-Dichloropropane	6.83	77	459329	47.456	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	417717	53.428	ug/l	98
28) Bromochloromethane	7.20	49	303426	53.727	ug/l	99
29) Tetrahydrofuran	7.21	42	546938	327.303	ug/l	100
30) Chloroform	7.37	83	665461	53.279	ug/l	99
31) Cyclohexane	7.66	56	607048	48.652	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	556568	52.530	ug/l	100
36) 1,1-Dichloropropene	7.80	75	508940	50.719	ug/l	99
37) Ethyl Acetate	6.93	43	339512	58.809	ug/l	100
38) Carbon Tetrachloride	7.78	117	482977	50.840	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053482.D
 Acq On : 18 Jan 2019 19:44
 Operator : JC/SP
 Sample : K1199-11MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW521-2327MSD

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Jan 19 01:14:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
39) Methylcyclohexane	9.08	83	605794	48.845	ug/l	100	1/21/2019 10:48:38 AM
40) Benzene	8.04	78	1556837	51.056	ug/l	100	
41) Methacrylonitrile	7.19	41	230290m	66.903	ug/l		
42) 1,2-Dichloroethane	8.13	62	470435	52.956	ug/l	99	
43) Isopropyl Acetate	8.17	43	609384	58.703	ug/l	100	
44) Trichloroethene	8.84	130	428768	50.705	ug/l	99	
45) 1,2-Dichloropropane	9.12	63	415796	51.481	ug/l	99	
46) Dibromomethane	9.21	93	247711	53.382	ug/l	99	
47) Bromodichloromethane	9.40	83	514831	52.757	ug/l	100	
48) Methyl methacrylate	9.20	41	314163	58.614	ug/l	98	
49) 1,4-Dioxane	9.20	88	91875	1755.169	ug/l	94	
51) 4-Methyl-2-Pentanone	9.99	43	1790984	316.049	ug/l	100	
52) Toluene	10.16	92	967582	51.112	ug/l	100	
53) t-1,3-Dichloropropene	10.38	75	530703	53.654	ug/l	100	
54) cis-1,3-Dichloropropene	9.84	75	603109	52.014	ug/l	99	
55) 1,1,2-Trichloroethane	10.56	97	360345	55.212	ug/l	100	
56) Ethyl methacrylate	10.43	69	497966	53.607	ug/l	99	
57) 1,3-Dichloropropane	10.71	76	616286	54.585	ug/l	100	
59) 2-Hexanone	10.75	43	1247705	313.649	ug/l	100	
60) Dibromochloromethane	10.90	129	406609	54.928	ug/l	100	
61) 1,2-Dibromoethane	11.01	107	369311	55.950	ug/l	100	
64) Tetrachloroethene	10.63	164	450923	47.546	ug/l	99	
65) Chlorobenzene	11.44	112	1081950	50.792	ug/l	98	
66) 1,1,1,2-Tetrachloroethane	11.51	131	388567	52.434	ug/l	99	
67) Ethyl Benzene	11.51	91	1867331	51.437	ug/l	100	
68) m/p-Xylenes	11.62	106	1429206	104.272	ug/l	100	
69) o-Xylene	11.95	106	698985	52.482	ug/l	99	
70) Stvrene	11.96	104	1157464	53.548	ug/l	100	
71) Bromoform	12.13	173	295346	57.891	ug/l	99	
73) Isopropylbenzene	12.25	105	1847619	50.243	ug/l	100	
74) N-amyl acetate	12.07	43	560962	57.223	ug/l	99	
75) 1,1,2,2-Tetrachloroethane	12.50	83	438461	56.851	ug/l	99	
76) 1,2,3-Trichloropropane	12.55	75	394246m	59.576	ug/l		
77) Bromobenzene	12.53	156	491527	50.725	ug/l	98	
78) n-propylbenzene	12.59	91	2126726	50.382	ug/l	100	
79) 2-Chlorotoluene	12.68	91	1253598	50.102	ug/l	99	
80) 1,3,5-Trimethylbenzene	12.73	105	1525662	50.991	ug/l	100	
81) trans-1,4-Dichloro-2-buten	12.30	75	135738	51.814	ug/l	99	
82) 4-Chlorotoluene	12.77	91	1285695	50.388	ug/l	99	
83) tert-Butylbenzene	12.99	119	1350175	51.092	ug/l	100	
84) 1,2,4-Trimethylbenzene	13.04	105	1567494	51.958	ug/l	100	
85) sec-Butylbenzene	13.17	105	1833256	50.584	ug/l	100	
86) p-Isopropyltoluene	13.29	119	1601922	50.906	ug/l	100	
87) 1,3-Dichlorobenzene	13.28	146	873045	51.220	ug/l	100	
88) 1,4-Dichlorobenzene	13.36	146	867467	50.736	ug/l	99	
89) n-Butylbenzene	13.62	91	1350033	50.330	ug/l	100	
90) Hexachloroethane	13.88	117	259944	52.670	ug/l	97	
91) 1,2-Dichlorobenzene	13.65	146	852956	54.393	ug/l	100	
92) 1,2-Dibromo-3-Chloropropan	14.27	75	69780	71.356	ug/l	99	
93) 1,2,4-Trichlorobenzene	14.91	180	415717	59.525	ug/l	99	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
Data File : VN053482.D
Acq On : 18 Jan 2019 19:44
Operator : JC/SP
Sample : K1199-11MSD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
SA-TW521-2327MSD

Manual Integrations
APPROVED

MMDadoda

Quant Time: Jan 19 01:14:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	257968	52.735	ug/l	99
95) Naphthalene	15.13	128	822032	66.320	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	333574	64.646	ug/l	99

1/21/2019 10:48:38 AM

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

