

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012319\
 Data File : VN053529.D
 Acq On : 23 Jan 2019 11:23
 Operator : JC/SP
 Sample : VN0123WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/24/2019 11:53:28 AM

Quant Time: Jan 24 01:50:07 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	726399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1091798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	985617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	482648	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	358299	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	7.59	113	325727	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	10.09	98	1272827	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.40	95	445279	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.85	85	107707	18.442	ug/l	99
3) Chloromethane	2.06	50	149181	17.866	ug/l	99
4) Vinyl Chloride	2.19	62	148337	18.429	ug/l	100
5) Bromomethane	2.57	94	104121	18.853	ug/l	97
6) Chloroethane	2.71	64	89509	18.393	ug/l	98
7) Trichlorofluoromethane	3.02	101	204999	19.471	ug/l	99
8) Diethyl Ether	3.41	74	78867	19.945	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	130516	19.574	ug/l	97
10) Methyl Iodide	3.96	142	189628	18.611	ug/l	100
11) Tert butyl alcohol	4.77	59	48733	138.714	ug/l	99
12) 1,1-Dichloroethene	3.74	96	124034	19.179	ug/l	96
13) Acrolein	3.61	56	75270	122.549	ug/l	99
14) Allyl chloride	4.33	41	192921	18.365	ug/l	95
15) Acrylonitrile	4.99	53	257178	111.233	ug/l	99
16) Acetone	3.81	43	204926	121.654	ug/l	100
17) Carbon Disulfide	4.06	76	344729	17.627	ug/l	98
18) Methyl Acetate	4.33	43	126818	22.345	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	359838	20.941	ug/l	100
20) Methylene Chloride	4.55	84	148154	19.264	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	135905	19.656	ug/l	97
22) Diisopropyl ether	5.95	45	450308	20.534	ug/l	95
23) Vinyl Acetate	5.90	43	1420807	105.396	ug/l	99
24) 1,1-Dichloroethane	5.85	63	257767	19.883	ug/l	100
25) 2-Butanone	6.83	43	299153	115.244	ug/l	99
26) 2,2-Dichloropropane	6.83	77	194856	19.907	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	157863	19.966	ug/l	100
28) Bromochloromethane	7.19	49	112447	19.689	ug/l	100
29) Tetrahydrofuran	7.21	42	192426	113.869	ug/l	100
30) Chloroform	7.37	83	258419	20.459	ug/l	97
31) Cyclohexane	7.66	56	235161	18.498	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	214348	20.005	ug/l	99
36) 1,1-Dichloropropene	7.79	75	191889	19.299	ug/l	100
37) Ethyl Acetate	6.93	43	125073	21.864	ug/l	99
38) Carbon Tetrachloride	7.77	117	183093	19.450	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012319\
 Data File : VN053529.D
 Acq On : 23 Jan 2019 11:23
 Operator : JC/SP
 Sample : VN0123WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/24/2019 11:53:28 AM

Quant Time: Jan 24 01:50:07 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	226595	18.438	ug/l	98
40) Benzene	8.04	78	599590	19.844	ug/l	100
41) Methacrylonitrile	7.18	41	78316	23.399	ug/l #	93
42) 1,2-Dichloroethane	8.13	62	180820	20.542	ug/l	100
43) Isopropyl Acetate	8.16	43	220824	21.468	ug/l	100
44) Trichloroethene	8.83	130	167938	20.042	ug/l	100
45) 1,2-Dichloropropane	9.12	63	161082	20.127	ug/l	100
46) Dibromomethane	9.21	93	94668	20.588	ug/l	98
47) Bromodichloromethane	9.40	83	195322	20.199	ug/l	98
48) Methyl methacrylate	9.20	41	111012	20.902	ug/l	99
49) 1,4-Dioxane	9.20	88	29069	560.431	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	635603	113.193	ug/l	99
52) Toluene	10.16	92	371303	19.794	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	198555	20.258	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	231313	20.132	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	137268	21.225	ug/l	99
56) Ethyl methacrylate	10.43	69	176156	20.461	ug/l	98
57) 1,3-Dichloropropane	10.71	76	232784	20.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	454497	100.455	ug/l	100
59) 2-Hexanone	10.75	43	446837	113.358	ug/l	98
60) Dibromochloromethane	10.90	129	151812	20.696	ug/l	99
61) 1,2-Dibromoethane	11.01	107	137261	20.986	ug/l	98
64) Tetrachloroethene	10.63	164	184637	19.878	ug/l	99
65) Chlorobenzene	11.43	112	412233	19.760	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	148993	20.529	ug/l	99
67) Ethyl Benzene	11.51	91	693460	19.504	ug/l	99
68) m/p-Xylenes	11.62	106	537150	40.015	ug/l	100
69) o-Xylene	11.95	106	262409	20.118	ug/l	100
70) Styrene	11.96	104	433641	20.484	ug/l	100
71) Bromoform	12.13	173	107231	21.461	ug/l #	98
73) Isopropylbenzene	12.25	105	697161	19.725	ug/l	100
74) N-amyl acetate	12.07	43	196392	20.844	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	159464	21.512	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	141352m	22.224	ug/l	
77) Bromobenzene	12.53	156	184087	19.766	ug/l	99
78) n-propylbenzene	12.59	91	804911	19.839	ug/l	99
79) 2-Chlorotoluene	12.67	91	477693	19.864	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	576759	20.056	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	47752	20.571	ug/l	97
82) 4-Chlorotoluene	12.77	91	484477	19.755	ug/l	100
83) tert-Butylbenzene	12.99	119	512319	20.171	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	590196	20.354	ug/l	100
85) sec-Butylbenzene	13.17	105	696151	19.985	ug/l	99
86) p-Isopropyltoluene	13.29	119	610095	20.171	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	325466	19.867	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	322828	19.645	ug/l	100
89) n-Butylbenzene	13.62	91	490006	19.006	ug/l	100
90) Hexachloroethane	13.88	117	93592	19.730	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	317236	21.048	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23644	25.156	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012319\
Data File : VN053529.D
Acq On : 23 Jan 2019 11:23
Operator : JC/SP
Sample : VN0123WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN0123WBS01

Manual Integrations
APPROVED

MMDadoda
1/24/2019 11:53:28 AM

Quant Time: Jan 24 01:50:07 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)
93) 1,2,4-Trichlorobenzene	14.91	180	144069	23.232	ug/l	100
94) Hexachlorobutadiene	15.01	225	107016	22.761	ug/l	99
95) Naphthalene	15.13	128	254878	24.063	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	110062	24.756	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012319\
Data File : VN053529.D
Acq On : 23 Jan 2019 11:23
Operator : JC/SP
Sample : VN0123WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument :
MSVOA_N
Client Sample Id :
VN0123WBS01

Manual Integrations
APPROVED

MMDadoda
1/24/2019 11:53:28 AM

Quant Time: Jan 24 01:50:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration

