

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055764.D
 Acq On : 23 May 2019 19:42
 Operator : JC/SP
 Sample : VN0523WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2019 9:23:48 AM

Quant Time: May 24 07:30:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	377787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	537731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	472738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203415	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	193584	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	7.59	113	172574	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.09	98	651940	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.40	95	215263	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	45784	18.007	ug/l	100
3) Chloromethane	2.06	50	65361	18.348	ug/l	99
4) Vinyl Chloride	2.19	62	71663	18.861	ug/l	98
5) Bromomethane	2.54	94	49872	20.980	ug/l	98
6) Chloroethane	2.69	64	45185	19.752	ug/l	100
7) Trichlorofluoromethane	3.01	101	96493	19.371	ug/l	100
8) Diethyl Ether	3.40	74	42833	19.185	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	59100	19.006	ug/l	98
10) Methyl Iodide	3.94	142	89819	19.757	ug/l	99
11) Tert butyl alcohol	4.81	59	80190	107.574	ug/l	99
12) 1,1-Dichloroethene	3.72	96	62251	19.375	ug/l	97
13) Acrolein	3.60	56	46991	88.036	ug/l	99
14) Allyl chloride	4.31	41	102689	18.644	ug/l	99
15) Acrylonitrile	4.99	53	165702	96.804	ug/l	100
16) Acetone	3.82	43	138538	80.780	ug/l	100
17) Carbon Disulfide	4.04	76	165232	18.101	ug/l	100
18) Methyl Acetate	4.33	43	70141	19.342	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	207331	19.348	ug/l	98
20) Methylene Chloride	4.55	84	69896	18.819	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	65586	19.001	ug/l	95
22) Diisopropyl ether	5.96	45	202366	18.890	ug/l	99
23) Vinyl Acetate	5.90	43	880635	95.877	ug/l	99
24) 1,1-Dichloroethane	5.84	63	117654	18.863	ug/l	100
25) 2-Butanone	6.84	43	216669	90.462	ug/l	98
26) 2,2-Dichloropropane	6.82	77	90316	16.731	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	79226	19.673	ug/l	97
28) Bromochloromethane	7.19	49	60234	20.283	ug/l	96
29) Tetrahydrofuran	7.22	42	147250	97.081	ug/l	99
30) Chloroform	7.37	83	120373	19.351	ug/l	98
31) Cyclohexane	7.65	56	111495	19.039	ug/l #	93
32) 1,1,1-Trichloroethane	7.57	97	108520	19.550	ug/l	99
36) 1,1-Dichloropropene	7.79	75	87299	18.629	ug/l	99
37) Ethyl Acetate	6.93	43	90903	20.071	ug/l	98
38) Carbon Tetrachloride	7.77	117	95854	19.637	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055764.D
 Acq On : 23 May 2019 19:42
 Operator : JC/SP
 Sample : VN0523WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2019 9:23:48 AM

Quant Time: May 24 07:30:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	108363	18.674	ug/l	98
40) Benzene	8.04	78	278142	19.694	ug/l	99
41) Methacrylonitrile	7.18	41	41140	17.980	ug/l	95
42) 1,2-Dichloroethane	8.12	62	91078	19.736	ug/l	100
43) Isopropyl Acetate	8.17	43	147029	19.321	ug/l #	92
44) Trichloroethene	8.83	130	80452	20.434	ug/l	98
45) 1,2-Dichloropropane	9.12	63	72296	19.648	ug/l	99
46) Dibromomethane	9.21	93	47857	19.832	ug/l	95
47) Bromodichloromethane	9.40	83	96382	19.478	ug/l	99
48) Methyl methacrylate	9.20	41	70990	20.242	ug/l	99
49) 1,4-Dioxane	9.20	88	30575	419.519	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	445938	99.223	ug/l	100
52) Toluene	10.16	92	175525	19.761	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	98423	18.634	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	111963	19.135	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	69603	19.560	ug/l	98
56) Ethyl methacrylate	10.43	69	107910	19.622	ug/l	100
57) 1,3-Dichloropropane	10.71	76	112820	19.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	199972	95.151	ug/l	99
59) 2-Hexanone	10.75	43	306620	96.171	ug/l	99
60) Dibromochloromethane	10.90	129	83537	20.152	ug/l	99
61) 1,2-Dibromoethane	11.01	107	73434	19.896	ug/l	99
64) Tetrachloroethene	10.63	164	82205	20.617	ug/l	99
65) Chlorobenzene	11.43	112	190089	20.086	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	75639	20.040	ug/l	100
67) Ethyl Benzene	11.51	91	330328	19.464	ug/l	98
68) m/p-Xylenes	11.62	106	253907	39.575	ug/l	100
69) o-Xylene	11.95	106	126841	19.927	ug/l	100
70) Styrene	11.96	104	204726	19.860	ug/l	100
71) Bromoform	12.13	173	64377	19.996	ug/l #	99
73) Isopropylbenzene	12.25	105	333583	21.536	ug/l	99
74) N-amyl acetate	12.07	43	117078	19.882	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	97902	20.919	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	88300m	23.544	ug/l	
77) Bromobenzene	12.53	156	87741	20.214	ug/l	97
78) n-propylbenzene	12.59	91	343263	19.416	ug/l	99
79) 2-Chlorotoluene	12.67	91	213725	20.963	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	274640	21.068	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	27388	18.116	ug/l	96
82) 4-Chlorotoluene	12.77	91	201001	19.341	ug/l	100
83) tert-Butylbenzene	12.99	119	243331	21.381	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	269942	20.834	ug/l	99
85) sec-Butylbenzene	13.17	105	305497	20.937	ug/l	98
86) p-Isopropyltoluene	13.29	119	280283	19.841	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	136341	19.837	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	128753	19.703	ug/l	99
89) n-Butylbenzene	13.61	91	201399	18.607	ug/l	99
90) Hexachloroethane	13.87	117	52691	19.596	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	137392	20.036	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16973	18.832	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
Data File : VN055764.D
Acq On : 23 May 2019 19:42
Operator : JC/SP
Sample : VN0523WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Manual Integrations
APPROVED

MMDadoda
5/24/2019 9:23:48 AM

Quant Time: May 24 07:30:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	64318	18.753	ug/l	99
94) Hexachlorobutadiene	15.01	225	55069	21.788	ug/l	99
95) Naphthalene	15.13	128	175942	18.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	70084	19.334	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052319\
Data File : VN055764.D
Acq On : 23 May 2019 19:42
Operator : JC/SP
Sample : VN0523WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Manual Integrations
APPROVED

MMDadoda
5/24/2019 9:23:48 AM

Quant Time: May 24 07:30:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

