

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054358.D
 Acq On : 17 Mar 2019 1:53
 Operator : JC/SP
 Sample : VN0316WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/18/2019 11:59:28 AM

Quant Time: Mar 18 08:02:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1204996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1882123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1612740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	717740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	688709	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
35) Dibromofluoromethane	7.59	113	625711	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.09	98	2239619	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	743401	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	238174	20.855	ug/l	99
3) Chloromethane	2.06	50	230122	20.744	ug/l	99
4) Vinyl Chloride	2.19	62	261435	20.619	ug/l	100
5) Bromomethane	2.57	94	177131	20.171	ug/l	97
6) Chloroethane	2.71	64	156146	20.354	ug/l	98
7) Trichlorofluoromethane	3.02	101	336221	19.945	ug/l	99
8) Diethyl Ether	3.41	74	176567	22.984	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	268051	21.219	ug/l	99
10) Methyl Iodide	3.94	142	409993	23.666	ug/l	99
11) Tert butyl alcohol	4.81	59	84557	96.384	ug/l	98
12) 1,1-Dichloroethene	3.73	96	269284	21.511	ug/l	98
13) Acrolein	3.61	56	70849	85.225	ug/l	98
14) Allyl chloride	4.31	41	318507	19.830	ug/l	99
15) Acrylonitrile	5.00	53	423304	117.465	ug/l	99
16) Acetone	3.82	43	313370	85.524	ug/l	100
17) Carbon Disulfide	4.04	76	540638	17.228	ug/l	100
18) Methyl Acetate	4.33	43	196942	26.567	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	698921	22.524	ug/l	98
20) Methylene Chloride	4.54	84	269324	22.385	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	248246	20.697	ug/l	95
22) Diisopropyl ether	5.96	45	714429	22.287	ug/l	99
23) Vinyl Acetate	5.90	43	2469331	104.476	ug/l	100
24) 1,1-Dichloroethane	5.85	63	457668	22.235	ug/l	100
25) 2-Butanone	6.85	43	477802	111.103	ug/l	99
26) 2,2-Dichloropropane	6.82	77	234884	12.977	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	299259	22.364	ug/l	96
28) Bromochloromethane	7.19	49	172489	20.499	ug/l	98
29) Tetrahydrofuran	7.22	42	320766	116.006	ug/l	100
30) Chloroform	7.37	83	485658	22.612	ug/l	98
31) Cyclohexane	7.65	56	399653	20.033	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	403927	20.824	ug/l	98
36) 1,1-Dichloropropene	7.79	75	340547	19.648	ug/l	98
37) Ethyl Acetate	6.94	43	210650	21.151	ug/l	98
38) Carbon Tetrachloride	7.77	117	348761	19.187	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054358.D
 Acq On : 17 Mar 2019 1:53
 Operator : JC/SP
 Sample : VN0316WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0316WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/18/2019 11:59:28 AM

Quant Time: Mar 18 08:02:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	398344	18.679	ug/l	97
40) Benzene	8.04	78	1062490	21.421	ug/l	99
41) Methacrylonitrile	7.18	41	104194	18.323	ug/l	87
42) 1,2-Dichloroethane	8.13	62	359034	21.441	ug/l	100
43) Isopropyl Acetate	8.17	43	350506	20.051	ug/l	98
44) Trichloroethene	8.83	130	317439	20.602	ug/l	99
45) 1,2-Dichloropropane	9.12	63	269511	21.883	ug/l	99
46) Dibromomethane	9.21	93	179728	21.598	ug/l	99
47) Bromodichloromethane	9.40	83	346090	20.746	ug/l	96
48) Methyl methacrylate	9.20	41	191824	21.623	ug/l	99
49) 1,4-Dioxane	9.20	88	55191	439.823	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1039569	112.372	ug/l	99
52) Toluene	10.16	92	659121	20.958	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	287615	16.461	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	356772	18.352	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	254449	22.158	ug/l	99
56) Ethyl methacrylate	10.43	69	285847	20.876	ug/l	98
57) 1,3-Dichloropropane	10.71	76	412010	21.942	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	525624	99.356	ug/l	99
59) 2-Hexanone	10.75	43	648184	105.299	ug/l	100
60) Dibromochloromethane	10.90	129	255133	19.739	ug/l	99
61) 1,2-Dibromoethane	11.01	107	246250	21.102	ug/l	99
64) Tetrachloroethene	10.63	164	332315	21.312	ug/l	99
65) Chlorobenzene	11.43	112	755160	21.325	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	271351	21.094	ug/l	99
67) Ethyl Benzene	11.51	91	1230640	20.965	ug/l	100
68) m/p-Xylenes	11.62	106	968417	42.210	ug/l	99
69) o-Xylene	11.95	106	483200	21.605	ug/l	99
70) Styrene	11.96	104	739595	21.085	ug/l	100
71) Bromoform	12.13	173	161455	18.041	ug/l #	99
73) Isopropylbenzene	12.25	105	1261500	21.968	ug/l	100
74) N-amyl acetate	12.07	43	276749	21.712	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	291311	23.811	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	257553m	24.402	ug/l	
77) Bromobenzene	12.53	156	334552	22.017	ug/l	97
78) n-propylbenzene	12.59	91	1327435	21.304	ug/l	100
79) 2-Chlorotoluene	12.67	91	816892	21.805	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1018231	21.318	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	41899	13.570	ug/l #	83
82) 4-Chlorotoluene	12.77	91	797432	21.316	ug/l	99
83) tert-Butylbenzene	12.99	119	955128	21.725	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1014573	21.652	ug/l	99
85) sec-Butylbenzene	13.17	105	1190841	20.886	ug/l	100
86) p-Isopropyltoluene	13.29	119	1020457	20.401	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	544810	21.278	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	529483	21.051	ug/l	99
89) n-Butylbenzene	13.62	91	711530	18.722	ug/l	99
90) Hexachloroethane	13.88	117	151701	18.316	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	558792	22.324	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38030	20.088	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054358.D
Acq On : 17 Mar 2019 1:53
Operator : JC/SP
Sample : VN0316WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0316WBSD02

Manual Integrations
APPROVED

MMDadoda
3/18/2019 11:59:28 AM

Quant Time: Mar 18 08:02:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	254898	18.535	ug/l	99
94) Hexachlorobutadiene	15.01	225	172922	18.137	ug/l	99
95) Naphthalene	15.13	128	566747	20.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	274894	20.670	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031619\
Data File : VN054358.D
Acq On : 17 Mar 2019 1:53
Operator : JC/SP
Sample : VN0316WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sampled :
VN0316WBSD02

Manual Integrations
APPROVED

MMDadoda
3/18/2019 11:59:28 AM

Quant Time: Mar 18 08:02:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

