

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050919\
 Data File : VX009431.D
 Acq On : 09 May 2019 16:34
 Operator : JC/SP
 Sample : VX0509WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:12:08 PM

Quant Time: May 10 07:52:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	164749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	263873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116489	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112090	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	5.49	113	83755	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	8.71	98	332924	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.13	95	119785	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	27568	18.159	ug/l	99
3) Chloromethane	1.32	50	39349	18.984	ug/l	98
4) Vinyl Chloride	1.41	62	40272	19.925	ug/l	97
5) Bromomethane	1.64	94	18301	15.086	ug/l	98
6) Chloroethane	1.72	64	26714	20.586	ug/l	98
7) Trichlorofluoromethane	1.93	101	50077	20.383	ug/l	98
8) Diethyl Ether	2.19	74	23611	20.289	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30681	19.886	ug/l	98
10) Methyl Iodide	2.51	142	18273	13.851	ug/l	99
11) Tert butyl alcohol	3.04	59	52428	100.708	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31562	20.418	ug/l	96
13) Acrolein	2.29	56	51067	108.315	ug/l	98
14) Allyl chloride	2.73	41	72721	19.304	ug/l	99
15) Acrylonitrile	3.14	53	125664	98.723	ug/l	99
16) Acetone	2.44	43	113971	94.375	ug/l	98
17) Carbon Disulfide	2.57	76	90051	20.749	ug/l	100
18) Methyl Acetate	2.78	43	53585	18.658	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	119576	19.920	ug/l	99
20) Methylene Chloride	2.85	84	38201	19.537	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	33983	20.271	ug/l	97
22) Diisopropyl ether	3.85	45	145009	20.016	ug/l	95
23) Vinyl Acetate	3.81	43	635188	102.388	ug/l	100
24) 1,1-Dichloroethane	3.70	63	70282	19.665	ug/l	97
25) 2-Butanone	4.67	43	186844	99.564	ug/l	98
26) 2,2-Dichloropropane	4.59	77	48519	18.239	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	39882	19.931	ug/l	98
28) Bromochloromethane	5.01	49	30414	19.467	ug/l	100
29) Tetrahydrofuran	5.13	42	124202	102.850	ug/l	99
30) Chloroform	5.21	83	64577	19.978	ug/l	100
31) Cyclohexane	5.58	56	67998	20.450	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	53061	19.719	ug/l	98
36) 1,1-Dichloropropene	5.80	75	48212	19.661	ug/l	99
37) Ethyl Acetate	4.84	43	69704	20.401	ug/l	99
38) Carbon Tetrachloride	5.79	117	43936	19.720	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009431.D
 Acq On : 09 May 2019 16:34
 Operator : JC/SP
 Sample : VX0509WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0509WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:12:08 PM

Quant Time: May 10 07:52:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61234	20.333	ug/l	98
40) Benzene	6.15	78	154707	20.385	ug/l	100
41) Methacrylonitrile	5.04	41	39653	19.497	ug/l	99
42) 1,2-Dichloroethane	6.19	62	55927	20.544	ug/l	100
43) Isopropyl Acetate	6.45	43	109180	19.978	ug/l	100
44) Trichloroethene	7.21	130	36303	19.787	ug/l	99
45) 1,2-Dichloropropane	7.51	63	42957	19.990	ug/l	98
46) Dibromomethane	7.66	93	24893	19.948	ug/l	98
47) Bromodichloromethane	7.90	83	49053	19.706	ug/l	98
48) Methyl methacrylate	7.77	41	54464	20.087	ug/l	99
49) 1,4-Dioxane	7.74	88	22605	411.102	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	364710	102.099	ug/l	100
52) Toluene	8.79	92	94169	20.413	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54448	19.374	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	61760	19.854	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	37840	20.105	ug/l	96
56) Ethyl methacrylate	9.18	69	66956	19.930	ug/l	100
57) 1,3-Dichloropropane	9.37	76	67445	20.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	171905	96.453	ug/l	100
59) 2-Hexanone	9.49	43	280795	100.088	ug/l	99
60) Dibromochloromethane	9.58	129	36318	19.757	ug/l	97
61) 1,2-Dibromoethane	9.67	107	38384	20.204	ug/l	98
64) Tetrachloroethene	9.34	164	33688	20.509	ug/l	99
65) Chlorobenzene	10.14	112	97283	20.308	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	35026	20.168	ug/l	99
67) Ethyl Benzene	10.25	91	177899	20.179	ug/l	99
68) m/p-Xylenes	10.36	106	129619	40.234	ug/l	98
69) o-Xylene	10.70	106	63993	20.132	ug/l	100
70) Styrene	10.71	104	110181	19.943	ug/l	98
71) Bromoform	10.85	173	27345	19.375	ug/l #	98
73) Isopropylbenzene	11.02	105	169924	20.060	ug/l	99
74) N-amyl acetate	10.90	43	96006	19.440	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	62588	19.820	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	53071m	19.640	ug/l	
77) Bromobenzene	11.26	156	41997	19.975	ug/l	99
78) n-propylbenzene	11.36	91	192520	19.900	ug/l	99
79) 2-Chlorotoluene	11.42	91	116274	19.481	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	143497	20.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18426	17.448	ug/l	90
82) 4-Chlorotoluene	11.51	91	132973	19.721	ug/l	99
83) tert-Butylbenzene	11.77	119	135910	19.588	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	143628	20.062	ug/l	99
85) sec-Butylbenzene	11.94	105	164667	20.018	ug/l	99
86) p-Isopropyltoluene	12.06	119	148994	20.147	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	73306	19.558	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	74336	19.672	ug/l	99
89) n-Butylbenzene	12.38	91	129756	19.413	ug/l	100
90) Hexachloroethane	12.60	117	23327	18.515	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	74830	19.601	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14680	20.723	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050919\
Data File : VX009431.D
Acq On : 09 May 2019 16:34
Operator : JC/SP
Sample : VX0509WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0509WBSD01

Manual Integrations
APPROVED

MMDadoda
5/10/2019 1:12:08 PM

Quant Time: May 10 07:52:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52302	20.034	ug/l	99
94) Hexachlorobutadiene	13.78	225	25996	19.500	ug/l	98
95) Naphthalene	13.83	128	174438	20.538	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53388	20.175	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\WX050919\
 Data File : VX009431.D
 Acq On : 09 May 2019 16:34
 Operator : JC/SP
 Sample : VX0509WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX0509WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:12:08 PM

Quant Time: May 10 07:52:54 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

