

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091619\
 Data File : VX012411.D
 Acq On : 16 Sep 2019 17:32
 Operator : JC/SP
 Sample : VX0916WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:19:15 AM

Quant Time: Sep 17 05:07:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:36:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	117879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	192450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	179559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106116	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	122984	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	5.48	113	90001	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	8.71	98	329916	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.14	95	132576	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	23418	20.863	ug/l	95
3) Chloromethane	1.32	50	18865	20.843	ug/l	95
4) Vinyl Chloride	1.40	62	20599	20.839	ug/l	96
5) Bromomethane	1.63	94	9993	23.727	ug/l	99
6) Chloroethane	1.71	64	14083	21.504	ug/l	91
7) Trichlorofluoromethane	1.92	101	38856	21.407	ug/l	100
8) Diethyl Ether	2.18	74	16544	20.925	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27815	21.279	ug/l	99
10) Methyl Iodide	2.50	142	24021	19.225	ug/l	99
11) Tert butyl alcohol	3.03	59	63169	103.647	ug/l	98
12) 1,1-Dichloroethene	2.36	96	22236	21.616	ug/l	93
13) Acrolein	2.28	56	21031	80.083	ug/l	97
14) Allyl chloride	2.72	41	48666	20.514	ug/l	98
15) Acrylonitrile	3.13	53	104074	103.245	ug/l	100
16) Acetone	2.43	43	103256	95.180	ug/l	97
17) Carbon Disulfide	2.56	76	30232	20.657	ug/l	100
18) Methyl Acetate	2.76	43	49576	20.523	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	114891	20.666	ug/l	100
20) Methylene Chloride	2.85	84	29716	20.077	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	23099	20.887	ug/l	94
22) Diisopropyl ether	3.84	45	112951	20.736	ug/l	95
23) Vinyl Acetate	3.80	43	474397	105.512	ug/l	100
24) 1,1-Dichloroethane	3.69	63	56279	20.649	ug/l	97
25) 2-Butanone	4.66	43	157404	101.843	ug/l	99
26) 2,2-Dichloropropane	4.58	77	52822	20.318	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	33204	20.487	ug/l	97
28) Bromochloromethane	5.00	49	25318	18.139	ug/l	98
29) Tetrahydrofuran	5.12	42	94604	105.536	ug/l	99
30) Chloroform	5.20	83	63084	20.030	ug/l	99
31) Cyclohexane	5.57	56	34314	20.678	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	54144	20.695	ug/l	100
36) 1,1-Dichloropropene	5.79	75	34212	19.238	ug/l	97
37) Ethyl Acetate	4.82	43	55118	20.129	ug/l	99
38) Carbon Tetrachloride	5.78	117	43639	20.107	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091619\
 Data File : VX012411.D
 Acq On : 16 Sep 2019 17:32
 Operator : JC/SP
 Sample : VX0916WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:19:15 AM

Quant Time: Sep 17 05:07:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:36:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34979	20.477	ug/l	99
40) Benzene	6.14	78	111977	20.434	ug/l	99
41) Methacrylonitrile	5.03	41	32758	20.954	ug/l	98
42) 1,2-Dichloroethane	6.19	62	51749	20.740	ug/l	99
43) Isopropyl Acetate	6.44	43	93004	19.796	ug/l	99
44) Trichloroethene	7.21	130	29796	20.244	ug/l	98
45) 1,2-Dichloropropane	7.51	63	33486	19.995	ug/l	95
46) Dibromomethane	7.65	93	22322	19.979	ug/l	97
47) Bromodichloromethane	7.89	83	49091	19.681	ug/l	96
48) Methyl methacrylate	7.76	41	42979	19.359	ug/l	100
49) 1,4-Dioxane	7.73	88	21687	404.584	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	303703	99.765	ug/l	100
52) Toluene	8.78	92	72525	20.331	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	50165	19.393	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	52987	19.817	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	36922	19.698	ug/l	98
56) Ethyl methacrylate	9.17	69	54879	19.460	ug/l	99
57) 1,3-Dichloropropane	9.37	76	60297	20.251	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	150296	99.019	ug/l	100
59) 2-Hexanone	9.48	43	233407	99.455	ug/l	99
60) Dibromochloromethane	9.58	129	38748	19.119	ug/l	99
61) 1,2-Dibromoethane	9.67	107	35217	20.425	ug/l	98
64) Tetrachloroethene	9.33	164	25299	21.248	ug/l	96
65) Chlorobenzene	10.14	112	85097	20.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	36610	20.583	ug/l	96
67) Ethyl Benzene	10.25	91	145552	20.344	ug/l	100
68) m/p-Xylenes	10.36	106	109019	41.281	ug/l	98
69) o-Xylene	10.70	106	56192	20.518	ug/l	99
70) Styrene	10.71	104	98100	20.645	ug/l	100
71) Bromoform	10.85	173	27458	18.990	ug/l #	99
73) Isopropylbenzene	11.01	105	157425	21.353	ug/l	99
74) N-amyl acetate	10.89	43	78989	20.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	61494	20.801	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	58932m	21.483	ug/l	
77) Bromobenzene	11.25	156	38818	20.449	ug/l	99
78) n-propylbenzene	11.35	91	174192	20.907	ug/l	100
79) 2-Chlorotoluene	11.42	91	111228	20.795	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	135878	21.166	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18809	19.356	ug/l	98
82) 4-Chlorotoluene	11.51	91	131012	21.004	ug/l	100
83) tert-Butylbenzene	11.76	119	143962	21.142	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	138669	21.288	ug/l	99
85) sec-Butylbenzene	11.94	105	159317	21.163	ug/l	100
86) p-Isopropyltoluene	12.06	119	146540	21.247	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	71273	20.057	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	73999	20.590	ug/l	98
89) n-Butylbenzene	12.39	91	126619	20.788	ug/l	100
90) Hexachloroethane	12.59	117	26551	19.913	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	74673	20.528	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15929	20.398	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091619\
Data File : VX012411.D
Acq On : 16 Sep 2019 17:32
Operator : JC/SP
Sample : VX0916WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBSD01

Manual Integrations
APPROVED

MMDadoda
9/18/2019 11:19:15 AM

Quant Time: Sep 17 05:07:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 04:36:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	49630	20.391	ug/l	99
94) Hexachlorobutadiene	13.78	225	23807	20.312	ug/l	99
95) Naphthalene	13.83	128	176248	19.829	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	51666	21.283	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091619\
 Data File : VX012411.D
 Acq On : 16 Sep 2019 17:32
 Operator : JC/SP
 Sample : VX0916WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX0916WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:19:15 AM

Quant Time: Sep 17 05:07:21 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:36:38 2019
 Response via : Initial Calibration

