

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014135.D
 Acq On : 19 Dec 2019 20:54
 Operator : JC/SP
 Sample : K6372-14MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:24:39 AM

Quant Time: Dec 20 03:47:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	507969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	800540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	727584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	365787	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	291834	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	5.48	113	247528	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	8.71	98	947807	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	350714	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	209352	46.068	ug/l	100
3) Chloromethane	1.32	50	292214	47.914	ug/l	99
4) Vinyl Chloride	1.40	62	304773	47.360	ug/l	99
5) Bromomethane	1.63	94	191392	41.904	ug/l	100
6) Chloroethane	1.72	64	206178	51.911	ug/l	97
7) Trichlorofluoromethane	1.92	101	383423	48.131	ug/l	99
8) Diethyl Ether	2.18	74	178441	47.728	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	229943	47.885	ug/l	99
10) Methyl Iodide	2.50	142	320745	50.615	ug/l	99
11) Tert butyl alcohol	3.03	59	297881	239.457	ug/l	99
12) 1,1-Dichloroethene	2.37	96	238057	48.719	ug/l	97
13) Acrolein	2.28	56	211802	297.435	ug/l	91
14) Allyl chloride	2.72	41	444987	51.005	ug/l	98
15) Acrylonitrile	3.13	53	773408	266.367	ug/l	99
16) Acetone	2.43	43	639326	171.052	ug/l	98
17) Carbon Disulfide	2.56	76	645813	47.644	ug/l	100
18) Methyl Acetate	2.76	43	368215	49.717	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	834587	51.978	ug/l #	77
20) Methylene Chloride	2.85	84	275068	46.735	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	261086	48.500	ug/l	98
22) Diisopropyl ether	3.84	45	896659	51.575	ug/l	98
23) Vinyl Acetate	3.80	43	3749265	264.263	ug/l	100
24) 1,1-Dichloroethane	3.69	63	479338	49.556	ug/l	99
25) 2-Butanone	4.65	43	1047213	227.258	ug/l	99
26) 2,2-Dichloropropane	4.58	77	334603	44.554	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	303822	49.904	ug/l	98
28) Bromochloromethane	5.00	49	199287	53.540	ug/l	97
29) Tetrahydrofuran	5.11	42	684422	265.548	ug/l	99
30) Chloroform	5.20	83	480288	52.379	ug/l	97
31) Cyclohexane	5.57	56	529568	61.557	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	383801	49.112	ug/l	100
36) 1,1-Dichloropropene	5.79	75	346748	47.206	ug/l	100
37) Ethyl Acetate	4.82	43	407988	50.298	ug/l	100
38) Carbon Tetrachloride	5.78	117	326982	48.865	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121919\
 Data File : VX014135.D
 Acq On : 19 Dec 2019 20:54
 Operator : JC/SP
 Sample : K6372-14MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 MW-3MSD

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:24:39 AM

Quant Time: Dec 20 03:47:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	553061	60.978	ug/l	97
40) Benzene	6.14	78	2316136	102.480	ug/l	100
41) Methacrylonitrile	5.03	41	236413	52.529	ug/l	97
42) 1,2-Dichloroethane	6.19	62	382992	49.991	ug/l	99
43) Isopropyl Acetate	6.43	43	699774	52.129	ug/l	97
44) Trichloroethene	7.20	130	292403	46.840	ug/l	100
45) 1,2-Dichloropropane	7.51	63	290728	50.188	ug/l	98
46) Dibromomethane	7.65	93	184300	48.121	ug/l	96
47) Bromodichloromethane	7.89	83	350140	48.542	ug/l	100
48) Methyl methacrylate	7.76	41	355681	54.110	ug/l	95
49) 1,4-Dioxane	7.73	88	123271	921.519	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2176209	258.135	ug/l	99
52) Toluene	8.78	92	984152	68.892	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	397541	50.263	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	444499	50.446	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	269661	47.099	ug/l	99
56) Ethyl methacrylate	9.17	69	484622	53.885	ug/l	97
57) 1,3-Dichloropropane	9.37	76	470881	48.882	ug/l	100
59) 2-Hexanone	9.49	43	1630797	240.298	ug/l	100
60) Dibromochloromethane	9.57	129	291583	51.235	ug/l	100
61) 1,2-Dibromoethane	9.67	107	292748	49.974	ug/l	100
64) Tetrachloroethene	9.33	164	260422	40.449	ug/l	97
65) Chlorobenzene	10.14	112	733344	47.404	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	268840	48.670	ug/l	100
67) Ethyl Benzene	10.25	91	9113271	342.644	ug/l	93
68) m/p-Xylenes	10.36	106	3284144	321.045	ug/l	97
69) o-Xylene	10.70	106	897468	89.455	ug/l	99
70) Styrene	10.71	104	852396	50.244	ug/l	92
71) Bromoform	10.85	173	222472	50.105	ug/l #	99
73) Isopropylbenzene	11.01	105	1785038	69.311	ug/l	100
74) N-amyl acetate	10.89	43	603160	49.963	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	440825	49.371	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	404240m	50.904	ug/l	
77) Bromobenzene	11.25	156	327766	46.256	ug/l	99
78) n-propylbenzene	11.35	91	2793260	96.693	ug/l	99
79) 2-Chlorotoluene	11.42	91	875086	49.833	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1418277	65.434	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	139519	49.589	ug/l	98
82) 4-Chlorotoluene	11.51	91	1017546	49.955	ug/l	97
83) tert-Butylbenzene	11.76	119	1096044	51.962	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	8159958	375.929	ug/l	94
85) sec-Butylbenzene	11.94	105	1400323	56.235	ug/l	95
86) p-Isopropyltoluene	12.06	119	1235472	54.240	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	576697	46.437	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	580259	45.952	ug/l	99
89) n-Butylbenzene	12.39	91	1310358	67.420	ug/l #	85
90) Hexachloroethane	12.59	117	317119	77.511	ug/l	66
91) 1,2-Dichlorobenzene	12.39	146	573987	45.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	114351	57.873	ug/l	84
93) 1,2,4-Trichlorobenzene	13.64	180	407365	50.134	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
Data File : VX014135.D
Acq On : 19 Dec 2019 20:54
Operator : JC/SP
Sample : K6372-14MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

Manual Integrations
APPROVED

apatel
12/20/2019 10:24:39 AM

Quant Time: Dec 20 03:47:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	184011	47.121	ug/l	97
95) Naphthalene	13.83	128	3819575	159.995	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	410533	51.182	ug/l	95

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

