

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042319\
 Data File : VX009128.D
 Acq On : 23 Apr 2019 18:00
 Operator : JC/SP
 Sample : K2535-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MS

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:03:00 PM

Quant Time: Apr 24 08:55:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	173828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122779	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	128213	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	5.50	113	95686	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
50) Toluene-d8	8.71	98	368706	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.13	95	131437	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113516	56.697	ug/l	99
3) Chloromethane	1.32	50	131692	53.576	ug/l	100
4) Vinyl Chloride	1.41	62	129365	54.074	ug/l	99
5) Bromomethane	1.64	94	202220	128.441	ug/l	98
6) Chloroethane	1.71	64	77847	55.336	ug/l	99
7) Trichlorofluoromethane	1.92	101	151180	54.124	ug/l	98
8) Diethyl Ether	2.19	74	69298	54.248	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	96653	54.120	ug/l	99
10) Methyl Iodide	2.51	142	114919	58.071	ug/l	99
11) Tert butyl alcohol	3.06	59	152743	280.894	ug/l	99
12) 1,1-Dichloroethene	2.37	96	100198	53.751	ug/l	99
13) Acrolein	2.29	56	107490	228.779	ug/l	99
14) Allyl chloride	2.73	41	230393	56.651	ug/l	99
15) Acrylonitrile	3.15	53	395492	286.513	ug/l	100
16) Acetone	2.45	43	337327	265.534	ug/l	100
17) Carbon Disulfide	2.56	76	288460	52.593	ug/l	99
18) Methyl Acetate	2.78	43	169496	53.459	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	365718	55.061	ug/l	99
20) Methylene Chloride	2.85	84	113722	52.346	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	106021	53.323	ug/l	97
22) Diisopropyl ether	3.86	45	442388	55.979	ug/l	89
23) Vinyl Acetate	3.82	43	1878428	270.402	ug/l	99
24) 1,1-Dichloroethane	3.70	63	219118	55.235	ug/l	100
25) 2-Butanone	4.68	43	580050	285.653	ug/l	99
26) 2,2-Dichloropropane	4.58	77	143546	48.273	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	121740	53.928	ug/l	100
28) Bromochloromethane	5.02	49	94010	57.337	ug/l	98
29) Tetrahydrofuran	5.13	42	390771	287.517	ug/l	99
30) Chloroform	5.21	83	196052	55.227	ug/l	100
31) Cyclohexane	5.58	56	215765	55.299	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	161694	54.957	ug/l	99
36) 1,1-Dichloropropene	5.80	75	153744	51.716	ug/l	99
37) Ethyl Acetate	4.84	43	207756	54.310	ug/l	99
38) Carbon Tetrachloride	5.79	117	134322	53.297	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042319\
 Data File : VX009128.D
 Acq On : 23 Apr 2019 18:00
 Operator : JC/SP
 Sample : K2535-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 S37-0016MS

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:03:00 PM

Quant Time: Apr 24 08:55:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	199045	54.992	ug/l	97
40) Benzene	6.14	78	468850	53.460	ug/l	99
41) Methacrylonitrile	5.04	41	122713	55.893	ug/l	98
42) 1,2-Dichloroethane	6.20	62	167591	53.945	ug/l	99
43) Isopropyl Acetate	6.45	43	327232	53.083	ug/l	100
44) Trichloroethene	7.21	130	109020	50.734	ug/l	99
45) 1,2-Dichloropropane	7.51	63	132950	54.643	ug/l	99
46) Dibromomethane	7.66	93	76361	53.928	ug/l	99
47) Bromodichloromethane	7.90	83	150885	54.329	ug/l	99
48) Methyl methacrylate	7.77	41	170335	55.921	ug/l	100
49) 1,4-Dioxane	7.74	88	56878	997.662	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1112770	283.342	ug/l	99
52) Toluene	8.79	92	276178	52.545	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	172875	54.088	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	190911	53.344	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	113428	54.451	ug/l	98
56) Ethyl methacrylate	9.18	69	206444	55.269	ug/l	100
57) 1,3-Dichloropropane	9.37	76	202362	54.560	ug/l	100
59) 2-Hexanone	9.49	43	854794	282.309	ug/l	100
60) Dibromochloromethane	9.58	129	111314	55.755	ug/l	99
61) 1,2-Dibromoethane	9.67	107	116211	54.052	ug/l	98
64) Tetrachloroethene	9.34	164	94629	49.514	ug/l	99
65) Chlorobenzene	10.14	112	277033	52.171	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	102673	54.886	ug/l	98
67) Ethyl Benzene	10.25	91	518740	53.439	ug/l	100
68) m/p-Xylenes	10.36	106	376786	106.805	ug/l	98
69) o-Xylene	10.70	106	182760	53.243	ug/l	97
70) Styrene	10.71	104	320959	53.957	ug/l	99
71) Bromoform	10.86	173	81868	54.933	ug/l #	99
73) Isopropylbenzene	11.02	105	490360	52.690	ug/l	100
74) N-amyl acetate	10.90	43	277281	51.890	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	183172	53.868	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	155923m	52.009	ug/l	
77) Bromobenzene	11.26	156	118733	50.566	ug/l	99
78) n-propylbenzene	11.36	91	570247	53.385	ug/l	100
79) 2-Chlorotoluene	11.42	91	337770	52.474	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	416550	53.338	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	59513	50.962	ug/l	95
82) 4-Chlorotoluene	11.51	91	390021	52.172	ug/l	100
83) tert-Butylbenzene	11.77	119	396119	52.830	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	418494	52.644	ug/l	100
85) sec-Butylbenzene	11.94	105	476204	53.252	ug/l	100
86) p-Isopropyltoluene	12.06	119	437992	53.273	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	211238	51.400	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	213003	51.128	ug/l	99
89) n-Butylbenzene	12.39	91	403575	52.708	ug/l	99
90) Hexachloroethane	12.60	117	71538	52.749	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	213321	52.565	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41879	54.092	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	151972	51.877	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042319\
Data File : VX009128.D
Acq On : 23 Apr 2019 18:00
Operator : JC/SP
Sample : K2535-02MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S37-0016MS

Manual Integrations
APPROVED

MMDadoda
4/24/2019 12:03:00 PM

Quant Time: Apr 24 08:55:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	75169	51.447	ug/l	99
95) Naphthalene	13.83	128	505965	53.909	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	152276	52.683	ug/l	100

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

