

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120919\
 Data File : VX0137866.D
 Acq On : 09 Dec 2019 21:14
 Operator : JC/SP
 Sample : K6185-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Manual Integrations
 APPROVED

apatel
 12/10/2019 11:20:28 AM

Quant Time: Dec 10 05:03:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	534985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	842921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	765925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	373528	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	292807	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
35) Dibromofluoromethane	5.48	113	247112	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
50) Toluene-d8	8.71	98	919138	45.27	ug/l	0.00
Spiked Amount			Recovery	=	90.54%	
62) 4-Bromofluorobenzene	11.14	95	330717	45.17	ug/l	0.00
Spiked Amount			Recovery	=	90.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	282196	47.391	ug/l	97
3) Chloromethane	1.32	50	321063	48.052	ug/l	100
4) Vinyl Chloride	1.40	62	374935	49.856	ug/l	100
5) Bromomethane	1.63	94	222632	44.082	ug/l	97
6) Chloroethane	1.71	64	207931	48.589	ug/l	98
7) Trichlorofluoromethane	1.92	101	405965	48.615	ug/l	98
8) Diethyl Ether	2.18	74	195253	51.683	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1282019	251.345	ug/l	99
10) Methyl Iodide	2.50	142	297227	48.173	ug/l	99
11) Tert butyl alcohol	3.04	59	407210	265.661	ug/l	99
12) 1,1-Dichloroethene	2.36	96	258645	50.802	ug/l	98
13) Acrolein	2.28	56	308246	299.479	ug/l	97
14) Allyl chloride	2.72	41	462311	50.037	ug/l	98
15) Acrylonitrile	3.13	53	848891	268.296	ug/l	99
16) Acetone	2.44	43	739046	241.050	ug/l	100
17) Carbon Disulfide	2.56	76	617226	42.527	ug/l	99
18) Methyl Acetate	2.76	43	456911	53.518	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	866604	51.381	ug/l	99
20) Methylene Chloride	2.84	84	291388	49.470	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	267685	48.263	ug/l	97
22) Diisopropyl ether	3.84	45	941280	52.908	ug/l	100
23) Vinyl Acetate	3.80	43	3636448	245.704	ug/l	100
24) 1,1-Dichloroethane	3.69	63	504206	51.843	ug/l	99
25) 2-Butanone	4.66	43	1210269	265.610	ug/l	100
26) 2,2-Dichloropropane	4.57	77	329706	40.974	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	346818	54.450	ug/l	98
28) Bromochloromethane	5.01	49	208315	54.202	ug/l	98
29) Tetrahydrofuran	5.11	42	779647	277.555	ug/l	99
30) Chloroform	5.20	83	497635	50.453	ug/l	99
31) Cyclohexane	5.57	56	432604	47.159	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	413108	50.120	ug/l	98
36) 1,1-Dichloropropene	5.79	75	359459	46.978	ug/l	99
37) Ethyl Acetate	4.82	43	430827	50.190	ug/l	99
38) Carbon Tetrachloride	5.78	117	345576	48.980	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120919\
 Data File : VX0137866.D
 Acq On : 09 Dec 2019 21:14
 Operator : JC/SP
 Sample : K6185-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Manual Integrations
 APPROVED

apatel
 12/10/2019 11:20:28 AM

Quant Time: Dec 10 05:03:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	415393	43.919	ug/l	98
40) Benzene	6.13	78	1141233	48.971	ug/l	99
41) Methacrylonitrile	5.03	41	253059	53.756	ug/l	99
42) 1,2-Dichloroethane	6.18	62	394593	49.649	ug/l	100
43) Isopropyl Acetate	6.43	43	691959	48.964	ug/l	100
44) Trichloroethene	7.21	130	1038120	162.313	ug/l	98
45) 1,2-Dichloropropane	7.51	63	299851	51.427	ug/l	97
46) Dibromomethane	7.65	93	195455	49.357	ug/l	99
47) Bromodichloromethane	7.89	83	384943	51.420	ug/l	98
48) Methyl methacrylate	7.76	41	359448	52.349	ug/l	100
49) 1,4-Dioxane	7.73	88	169274	1101.362	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	2363771	265.912	ug/l	100
52) Toluene	8.78	92	711089	49.117	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	405954	47.640	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	454322	48.801	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	300252	51.464	ug/l	99
56) Ethyl methacrylate	9.17	69	481076	51.288	ug/l	100
57) 1,3-Dichloropropane	9.37	76	507737	50.490	ug/l	99
59) 2-Hexanone	9.49	43	1852775	267.241	ug/l	98
60) Dibromochloromethane	9.57	129	310997	51.365	ug/l	100
61) 1,2-Dibromoethane	9.67	107	310728	49.867	ug/l	99
64) Tetrachloroethene	9.33	164	345733	60.530	ug/l	95
65) Chlorobenzene	10.14	112	768663	48.337	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	286812	50.227	ug/l	99
67) Ethyl Benzene	10.25	91	1337857	48.959	ug/l	99
68) m/p-Xylenes	10.35	106	1009309	96.474	ug/l	100
69) o-Xylene	10.70	106	499140	48.918	ug/l	98
70) Stvrene	10.71	104	848999	49.464	ug/l	99
71) Bromoform	10.85	173	238425	50.462	ug/l #	99
73) Isopropylbenzene	11.01	105	1305099	49.810	ug/l	99
74) N-amyl acetate	10.89	43	598163	49.836	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	489663	53.889	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	440926m	52.483	ug/l	
77) Bromobenzene	11.25	156	346115	48.897	ug/l	98
78) n-propylbenzene	11.35	91	1440490	49.249	ug/l	99
79) 2-Chlorotoluene	11.42	91	867829	49.461	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1070036	49.828	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	144991	47.215	ug/l	99
82) 4-Chlorotoluene	11.51	91	984167	48.429	ug/l	99
83) tert-Butylbenzene	11.77	119	1104931	50.628	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1086519	49.853	ug/l	100
85) sec-Butylbenzene	11.94	105	1233814	49.495	ug/l	99
86) p-Isopropyltoluene	12.06	119	1117846	48.202	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	589791	47.799	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	588693	46.841	ug/l	99
89) n-Butylbenzene	12.38	91	911464	46.082	ug/l	99
90) Hexachloroethane	12.59	117	207622	49.531	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	597452	49.006	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	102182	51.640	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	376193	44.277	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
Data File : VX0137866.D
Acq On : 09 Dec 2019 21:14
Operator : JC/SP
Sample : K6185-08MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Manual Integrations
APPROVED

apatel
12/10/2019 11:20:28 AM

Quant Time: Dec 10 05:03:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	173433	42.492	ug/l	99
95) Naphthalene	13.83	128	1216148	48.064	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	393689	46.798	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137866.D
 Acq On : 09 Dec 2019 21:14
 Operator : JC/SP
 Sample : K6185-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampled :

Manual Integrations
 APPROVED

apatel
 12/10/2019 11:20:28 AM

Quant Time: Dec 10 05:03:06 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

