

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
 Data File : VX016742.D
 Acq On : 12 Jun 2020 20:27
 Operator : JC/SP
 Sample : L3004-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MSD

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:10:05 AM

Quant Time: Jun 13 06:37:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	216549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	334316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	318883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	166595	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	137288	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	5.46	113	114079	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
50) Toluene-d8	8.70	98	420644	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.12	95	160603	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	90591	42.509	ug/l	96
3) Chloromethane	1.31	50	101809	39.533	ug/l	100
4) Vinyl Chloride	1.39	62	121973	44.786	ug/l	99
5) Bromomethane	1.62	94	65280	49.297	ug/l	99
6) Chloroethane	1.70	64	80611	50.741	ug/l	97
7) Trichlorofluoromethane	1.91	101	198621	55.532	ug/l	100
8) Diethyl Ether	2.17	74	76941	51.589	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.36	101	105359	53.522	ug/l	96
10) Methyl Iodide	2.49	142	110847	47.307	ug/l	99
11) Tert butyl alcohol	3.02	59	165772	240.385	ug/l	100
12) 1,1-Dichloroethene	2.36	96	107474	51.579	ug/l	100
13) Acrolein	2.27	56	74349	253.447	ug/l	97
14) Allyl chloride	2.70	41	171420	44.734	ug/l	96
15) Acrylonitrile	3.12	53	353756	250.425	ug/l	99
16) Acetone	2.42	43	316976	269.028	ug/l	100
17) Carbon Disulfide	2.55	76	278760	45.050	ug/l	99
18) Methyl Acetate	2.75	43	149014	49.311	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	393477	52.588	ug/l	97
20) Methylene Chloride	2.83	84	121243	49.737	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	115391	50.066	ug/l	96
22) Diisopropyl ether	3.82	45	344118	46.746	ug/l	95
23) Vinyl Acetate	3.78	43	1384987	214.945	ug/l	96
24) 1,1-Dichloroethane	3.67	63	208977	50.297	ug/l	99
25) 2-Butanone	4.64	43	475173	238.008	ug/l	94
26) 2,2-Dichloropropane	4.55	77	164674	48.436	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	137981	51.750	ug/l	96
28) Bromochloromethane	4.98	49	85310	44.184	ug/l	83
29) Tetrahydrofuran	5.09	42	302007	234.149	ug/l	92
30) Chloroform	5.18	83	225043	53.755	ug/l	98
31) Cyclohexane	5.55	56	158609	42.433	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	208826	55.097	ug/l	98
36) 1,1-Dichloropropene	5.77	75	155778	49.214	ug/l	98
37) Ethyl Acetate	4.79	43	160995	42.364	ug/l	97
38) Carbon Tetrachloride	5.75	117	186756	56.143	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX061220\
 Data File : VX016742.D
 Acq On : 12 Jun 2020 20:27
 Operator : JC/SP
 Sample : L3004-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-200611MSD

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:10:05 AM

Quant Time: Jun 13 06:37:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	163403	47.527	ug/l	97
40) Benzene	6.11	78	478451	50.758	ug/l	99
41) Methacrylonitrile	5.00	41	98594	47.232	ug/l	96
42) 1,2-Dichloroethane	6.17	62	176089	52.529	ug/l	99
43) Isopropyl Acetate	6.42	43	266089	44.889	ug/l	97
44) Trichloroethene	7.19	130	142459	47.633	ug/l	94
45) 1,2-Dichloropropane	7.49	63	121078	50.455	ug/l	98
46) Dibromomethane	7.63	93	87163	54.078	ug/l	96
47) Bromodichloromethane	7.88	83	186814	55.976	ug/l	99
48) Methyl methacrylate	7.74	41	136904	48.236	ug/l	96
49) 1,4-Dioxane	7.71	88	62396	939.403	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	899203	243.623	ug/l	96
52) Toluene	8.76	92	314933	52.982	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	202737	53.423	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	204339	50.871	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	134229	56.795	ug/l	95
56) Ethyl methacrylate	9.16	69	204423	53.110	ug/l	95
57) 1,3-Dichloropropane	9.35	76	217319	53.571	ug/l	100
59) 2-Hexanone	9.48	43	705714	245.868	ug/l	97
60) Dibromochloromethane	9.57	129	158165	59.468	ug/l	100
61) 1,2-Dibromoethane	9.65	107	142318	56.234	ug/l	99
64) Tetrachloroethene	9.32	164	149696	41.960	ug/l	99
65) Chlorobenzene	10.12	112	353542	54.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	141768	57.126	ug/l	98
67) Ethyl Benzene	10.24	91	593455	51.271	ug/l	98
68) m/p-Xylenes	10.34	106	463374	107.972	ug/l	97
69) o-Xylene	10.68	106	222470	53.527	ug/l	95
70) Styrene	10.70	104	391839	54.849	ug/l	99
71) Bromoform	10.84	173	125509	59.842	ug/l #	99
73) Isopropylbenzene	11.00	105	591946	51.282	ug/l	100
74) N-amyl acetate	10.88	43	216299	40.738	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	185286	64.048	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	185012m	50.524	ug/l	
77) Bromobenzene	11.24	156	161255	53.263	ug/l	94
78) n-propylbenzene	11.34	91	654326	50.738	ug/l	99
79) 2-Chlorotoluene	11.40	91	404107	51.336	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	507408	52.645	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	69417	46.631	ug/l	98
82) 4-Chlorotoluene	11.49	91	474773	51.075	ug/l	98
83) tert-Butylbenzene	11.76	119	477989	58.040	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	516460	52.985	ug/l	98
85) sec-Butylbenzene	11.93	105	549471	53.186	ug/l	99
86) p-Isopropyltoluene	12.05	119	524471	54.195	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	283076	53.969	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	294360	54.873	ug/l	99
89) n-Butylbenzene	12.37	91	423337	52.518	ug/l	99
90) Hexachloroethane	12.58	117	94859	56.748	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	283317	55.752	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50558	53.955	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	191721	56.807	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
Data File : VX016742.D
Acq On : 12 Jun 2020 20:27
Operator : JC/SP
Sample : L3004-05MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF015RW050-200611MSD

Manual Integrations
APPROVED

MMDadoda
6/15/2020 11:10:05 AM

Quant Time: Jun 13 06:37:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	80197	60.522	ug/l	97
95) Naphthalene	13.82	128	634305	54.824	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	196950	59.566	ug/l	98

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

