

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016069.D
 Acq On : 05 May 2020 17:13
 Operator : JC/SP
 Sample : L2469-23MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ148-20200428MS

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:26:41 PM

Quant Time: May 06 09:29:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	297693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	485743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	452351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184662	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	5.47	113	143641	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
50) Toluene-d8	8.70	98	554212	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
62) 4-Bromofluorobenzene	11.12	95	216093	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148621	47.166	ug/l	100
3) Chloromethane	1.31	50	168384	46.015	ug/l	100
4) Vinyl Chloride	1.39	62	180661	46.274	ug/l	99
5) Bromomethane	1.62	94	94060	47.788	ug/l	97
6) Chloroethane	1.70	64	116369	48.987	ug/l	99
7) Trichlorofluoromethane	1.91	101	241923	47.199	ug/l	100
8) Diethyl Ether	2.17	74	101168	46.845	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	138532	46.847	ug/l	98
10) Methyl Iodide	2.49	142	159566	40.171	ug/l	99
11) Tert butyl alcohol	3.02	59	232871	235.082	ug/l	100
12) 1,1-Dichloroethene	2.36	96	145349	46.969	ug/l	97
13) Acrolein	2.27	56	116018	187.162	ug/l	99
14) Allyl chloride	2.71	41	266025	46.885	ug/l	99
15) Acrylonitrile	3.12	53	489499	238.200	ug/l	100
16) Acetone	2.42	43	417150	238.661	ug/l	97
17) Carbon Disulfide	2.55	76	441635	47.513	ug/l	99
18) Methyl Acetate	2.75	43	186793	43.464	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	518223	48.578	ug/l	99
20) Methylene Chloride	2.84	84	166059	46.086	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	156897	45.497	ug/l	99
22) Diisopropyl ether	3.82	45	515877	48.193	ug/l	96
23) Vinyl Acetate	3.79	43	2109123	223.957	ug/l	100
24) 1,1-Dichloroethane	3.67	63	289742	48.387	ug/l	100
25) 2-Butanone	4.64	43	684285	242.952	ug/l	99
26) 2,2-Dichloropropane	4.55	77	228971	41.871	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	181272	48.082	ug/l	97
28) Bromochloromethane	4.98	49	133732	48.978	ug/l	100
29) Tetrahydrofuran	5.09	42	451612	241.990	ug/l	100
30) Chloroform	5.18	83	287372	48.200	ug/l	99
31) Cyclohexane	5.55	56	261266	48.009	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	260739	48.112	ug/l	99
36) 1,1-Dichloropropene	5.77	75	219918	45.994	ug/l	99
37) Ethyl Acetate	4.79	43	242967	43.842	ug/l	99
38) Carbon Tetrachloride	5.76	117	229933	47.311	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016069.D
 Acq On : 05 May 2020 17:13
 Operator : JC/SP
 Sample : L2469-23MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ148-20200428MS

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:26:41 PM

Quant Time: May 06 09:29:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	260834	45.298	ug/l	99
40) Benzene	6.12	78	654938	46.814	ug/l	100
41) Methacrylonitrile	5.01	41	139696	46.676	ug/l	99
42) 1,2-Dichloroethane	6.17	62	235134	46.656	ug/l	99
43) Isopropyl Acetate	6.42	43	399985	45.236	ug/l	100
44) Trichloroethene	7.19	130	217486	43.758	ug/l	99
45) 1,2-Dichloropropane	7.49	63	168981	47.734	ug/l	100
46) Dibromomethane	7.64	93	113726	47.273	ug/l	99
47) Bromodichloromethane	7.88	83	233743	47.707	ug/l	99
48) Methyl methacrylate	7.74	41	199368	47.583	ug/l	99
49) 1,4-Dioxane	7.71	88	91651	912.070	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1307278	241.600	ug/l	100
52) Toluene	8.77	92	413837	47.456	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	266896	45.687	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	277640	45.501	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	163917	47.776	ug/l	100
56) Ethyl methacrylate	9.16	69	270325	48.269	ug/l	99
57) 1,3-Dichloropropane	9.35	76	285548	47.698	ug/l	99
59) 2-Hexanone	9.48	43	1018819	239.760	ug/l	99
60) Dibromochloromethane	9.57	129	184655	48.868	ug/l	99
61) 1,2-Dibromoethane	9.65	107	176586	47.517	ug/l	98
64) Tetrachloroethene	9.32	164	250715	45.148	ug/l	97
65) Chlorobenzene	10.12	112	439527	46.404	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	165779	47.354	ug/l	100
67) Ethyl Benzene	10.24	91	792141	46.872	ug/l	99
68) m/p-Xylenes	10.34	106	598778	94.567	ug/l	100
69) o-Xylene	10.68	106	290385	47.711	ug/l	99
70) Styrene	10.70	104	492026	47.651	ug/l	100
71) Bromoform	10.84	173	139574	48.935	ug/l #	98
73) Isopropylbenzene	11.01	105	772621	46.235	ug/l	100
74) N-amyl acetate	10.88	43	330342	42.381	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	166048	50.544	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	241112m	46.247	ug/l	
77) Bromobenzene	11.24	156	197975	45.899	ug/l	98
78) n-propylbenzene	11.35	91	888925	45.726	ug/l	100
79) 2-Chlorotoluene	11.41	91	525988	45.837	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	654565	46.392	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	98046	44.816	ug/l	99
82) 4-Chlorotoluene	11.49	91	619386	45.709	ug/l	100
83) tert-Butylbenzene	11.76	119	563212	46.319	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	662484	46.443	ug/l	99
85) sec-Butylbenzene	11.93	105	753779	45.913	ug/l	100
86) p-Isopropyltoluene	12.05	119	697169	45.738	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	341563	44.103	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	344525	43.829	ug/l	99
89) n-Butylbenzene	12.37	91	615956	44.234	ug/l	100
90) Hexachloroethane	12.58	117	124266	47.470	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	338415	45.380	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60886	44.311	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	243288	44.065	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
Data File : VX016069.D
Acq On : 05 May 2020 17:13
Operator : JC/SP
Sample : L2469-23MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ148-20200428MS

Manual Integrations
APPROVED

MMDadoda
5/6/2020 12:26:41 PM

Quant Time: May 06 09:29:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	106766	44.962	ug/l	97
95) Naphthalene	13.82	128	808556	45.227	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	240797	44.626	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016069.D
 Acq On : 05 May 2020 17:13
 Operator : JC/SP
 Sample : L2469-23MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 SA-PZ148-20200428MS

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:26:41 PM

Quant Time: May 06 09:29:44 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

