

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002506.D
 Acq On : 13 Jun 2018 13:03
 Operator : JC/MD
 Sample : VX0613WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:24 AM

Quant Time: Jun 14 02:15:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157117	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	5.51	113	122885	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
50) Toluene-d8	8.72	98	460606	43.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.58%	
62) 4-Bromofluorobenzene	11.14	95	173036	42.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.34%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	47271	18.649	ug/l	98
3) Chloromethane	1.32	50	56274	17.510	ug/l	99
4) Vinyl Chloride	1.41	62	63620	19.915	ug/l	100
5) Bromomethane	1.64	94	37150	18.442	ug/l	97
6) Chloroethane	1.72	64	42317	20.478	ug/l	99
7) Trichlorofluoromethane	1.93	101	112845	23.184	ug/l	97
8) Diethyl Ether	2.19	74	40661	22.174	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	62660	23.855	ug/l	99
10) Methyl Iodide	2.51	142	58817	15.920	ug/l	98
11) Tert butyl alcohol	3.07	59	86922	110.596	ug/l	99
12) 1,1-Dichloroethene	2.37	96	55681	21.450	ug/l	99
13) Acrolein	2.29	56	23900	61.682	ug/l	99
14) Allyl chloride	2.73	41	112382	19.949	ug/l	99
15) Acrylonitrile	3.15	53	180499	116.453	ug/l	100
16) Acetone	2.45	43	189932	116.408	ug/l	98
17) Carbon Disulfide	2.57	76	114387	16.719	ug/l	99
18) Methyl Acetate	2.78	43	88165	23.826	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	216970	22.697	ug/l	100
20) Methylene Chloride	2.86	84	64649	21.895	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	59760	20.876	ug/l	95
22) Diisopropyl ether	3.88	45	196778	20.017	ug/l	100
23) Vinyl Acetate	3.83	43	840184	92.001	ug/l	99
24) 1,1-Dichloroethane	3.70	63	119898	21.534	ug/l	99
25) 2-Butanone	4.71	43	234051	97.895	ug/l	100
26) 2,2-Dichloropropane	4.59	77	79900	18.358	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	59174	19.008	ug/l	98
28) Bromochloromethane	5.03	49	54406	20.904	ug/l	100
29) Tetrahydrofuran	5.17	42	145063	94.107	ug/l	99
30) Chloroform	5.22	83	107276	19.967	ug/l	97
31) Cyclohexane	5.58	56	84194	19.123	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	90136	19.782	ug/l	99
36) 1,1-Dichloropropene	5.80	75	73418	19.783	ug/l	99
37) Ethyl Acetate	4.87	43	89291	20.006	ug/l	99
38) Carbon Tetrachloride	5.79	117	76959	19.822	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002506.D
 Acq On : 13 Jun 2018 13:03
 Operator : JC/MD
 Sample : VX0613WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:24 AM

Quant Time: Jun 14 02:15:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86770	19.088	ug/l	99
40) Benzene	6.15	78	227395	19.983	ug/l	98
41) Methacrylonitrile	5.07	41	49362	19.320	ug/l	97
42) 1,2-Dichloroethane	6.20	62	91137	20.158	ug/l	100
43) Isopropyl Acetate	6.47	43	146116	19.275	ug/l	99
44) Trichloroethene	7.21	130	64230	20.338	ug/l	97
45) 1,2-Dichloropropane	7.52	63	61864	20.138	ug/l	98
46) Dibromomethane	7.67	93	41836	20.089	ug/l	97
47) Bromodichloromethane	7.90	83	73663	19.558	ug/l	97
48) Methyl methacrylate	7.78	41	74976	19.690	ug/l	97
49) 1,4-Dioxane	7.76	88	29050	408.015	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	491418	104.095	ug/l	99
52) Toluene	8.79	92	148308	20.492	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	87002	19.262	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	79031	18.546	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	61265	20.582	ug/l	99
56) Ethyl methacrylate	9.18	69	92974	19.564	ug/l	99
57) 1,3-Dichloropropane	9.37	76	101075	20.240	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	247528	112.535	ug/l	100
59) 2-Hexanone	9.50	43	377918	103.640	ug/l	99
60) Dibromochloromethane	9.59	129	58998	19.705	ug/l	97
61) 1,2-Dibromoethane	9.68	107	63942	20.602	ug/l	98
64) Tetrachloroethene	9.34	164	71216	20.167	ug/l	99
65) Chlorobenzene	10.14	112	169944	19.946	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	60220	19.520	ug/l	99
67) Ethyl Benzene	10.26	91	291006	20.409	ug/l	99
68) m/p-Xylenes	10.36	106	224582	40.518	ug/l	99
69) o-Xylene	10.70	106	111036	20.130	ug/l	98
70) Styrene	10.71	104	183393	20.338	ug/l	99
71) Bromoform	10.86	173	43129	17.988	ug/l #	99
73) Isopropylbenzene	11.02	105	305724	20.413	ug/l	100
74) N-amyl acetate	6.47	43	146116	18.106	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	92557	19.649	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	92633m	19.609	ug/l	
77) Bromobenzene	11.26	156	81185	19.309	ug/l	98
78) n-propylbenzene	11.37	91	349620	21.003	ug/l	99
79) 2-Chlorotoluene	11.43	91	205041	19.507	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	253656	19.746	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21602	16.029	ug/l	86
82) 4-Chlorotoluene	11.51	91	239658	19.754	ug/l	100
83) tert-Butylbenzene	11.77	119	251366	20.094	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	264872	20.030	ug/l	99
85) sec-Butylbenzene	11.95	105	315800	21.534	ug/l	100
86) p-Isopropyltoluene	12.07	119	282392	21.141	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148527	19.756	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153990	19.872	ug/l	99
89) n-Butylbenzene	12.39	91	246448	21.998	ug/l	99
90) Hexachloroethane	12.60	117	38131	17.883	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	154784	19.899	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19258	18.696	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002506.D
Acq On : 13 Jun 2018 13:03
Operator : JC/MD
Sample : VX0613WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Manual Integrations
APPROVED

MMDadoda
6/14/2018 11:29:24 AM

Quant Time: Jun 14 02:15:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109784	20.129	ug/l	100
94) Hexachlorobutadiene	13.79	225	60856	22.580	ug/l	97
95) Naphthalene	13.84	128	311044	19.849	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	112336	20.196	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002506.D
 Acq On : 13 Jun 2018 13:03
 Operator : JC/MD
 Sample : VX0613WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX0613WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:24 AM

Quant Time: Jun 14 02:15:56 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

