

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\
 Data File : VX011249.D
 Acq On : 31 Jul 2019 17:40
 Operator : JC/SP
 Sample : VX0731WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Manual Integrations
 APPROVED

MMdadoda
 8/1/2019 11:20:00 AM

Quant Time: Aug 01 03:07:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	277881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100661	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	5.50	113	88882	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	8.71	98	329645	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.13	95	121850	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33295	16.739	ug/l	99
3) Chloromethane	1.33	50	30215	17.228	ug/l	95
4) Vinyl Chloride	1.41	62	33282	18.605	ug/l	98
5) Bromomethane	1.64	94	20868	20.701	ug/l	97
6) Chloroethane	1.73	64	21619	19.017	ug/l	97
7) Trichlorofluoromethane	1.93	101	59326	19.591	ug/l	96
8) Diethyl Ether	2.19	74	20712	19.852	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33155	19.176	ug/l	99
10) Methyl Iodide	2.51	142	34274	15.106	ug/l	99
11) Tert butyl alcohol	3.04	59	45518	96.330	ug/l	99
12) 1,1-Dichloroethene	2.37	96	30826	18.146	ug/l	96
13) Acrolein	2.29	56	24792	90.811	ug/l	100
14) Allyl chloride	2.73	41	43991	17.828	ug/l	98
15) Acrylonitrile	3.14	53	93001	97.401	ug/l	99
16) Acetone	2.44	43	89379	97.536	ug/l	98
17) Carbon Disulfide	2.57	76	59673	13.694	ug/l	98
18) Methyl Acetate	2.78	43	44738	21.441	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	105268	19.249	ug/l	100
20) Methylene Chloride	2.85	84	36018	18.547	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	31641	17.554	ug/l	100
22) Diisopropyl ether	3.85	45	101667	19.536	ug/l	98
23) Vinyl Acetate	3.82	43	412019	93.439	ug/l	100
24) 1,1-Dichloroethane	3.70	63	57500	19.025	ug/l	97
25) 2-Butanone	4.67	43	130057	98.870	ug/l	97
26) 2,2-Dichloropropane	4.59	77	46218	18.624	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	37891	18.164	ug/l	99
28) Bromochloromethane	5.01	49	25700	18.045	ug/l	98
29) Tetrahydrofuran	5.13	42	79515	95.427	ug/l	99
30) Chloroform	5.21	83	62535	19.143	ug/l	97
31) Cyclohexane	5.59	56	47601	17.279	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	53820	19.042	ug/l	99
36) 1,1-Dichloropropene	5.80	75	42071	18.432	ug/l	99
37) Ethyl Acetate	4.84	43	45551	19.489	ug/l	98
38) Carbon Tetrachloride	5.79	117	44269	18.612	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\
 Data File : VX011249.D
 Acq On : 31 Jul 2019 17:40
 Operator : JC/SP
 Sample : VX0731WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Manual Integrations
 APPROVED

MMdadoda
 8/1/2019 11:20:00 AM

Quant Time: Aug 01 03:07:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52430	17.713	ug/l	96
40) Benzene	6.14	78	134242	19.200	ug/l	95
41) Methacrylonitrile	5.04	41	24486	18.455	ug/l	96
42) 1,2-Dichloroethane	6.19	62	48952	20.136	ug/l	99
43) Isopropyl Acetate	6.44	43	73104	19.022	ug/l	98
44) Trichloroethene	7.21	130	38533	18.618	ug/l	100
45) 1,2-Dichloropropane	7.51	63	34654	19.473	ug/l	95
46) Dibromomethane	7.66	93	24813	19.513	ug/l	99
47) Bromodichloromethane	7.90	83	42911	18.957	ug/l	99
48) Methyl methacrylate	7.77	41	35743	19.091	ug/l	98
49) 1,4-Dioxane	7.74	88	20517	391.773	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	254945	102.335	ug/l	99
52) Toluene	8.78	92	88473	19.262	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	44028	18.089	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	50633	18.695	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	37918	20.049	ug/l	98
56) Ethyl methacrylate	9.18	69	54725	19.782	ug/l	99
57) 1,3-Dichloropropane	9.37	76	59953	19.983	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	137799	104.348	ug/l	100
59) 2-Hexanone	9.49	43	198264	102.606	ug/l	100
60) Dibromochloromethane	9.58	129	36118	18.283	ug/l	98
61) 1,2-Dibromoethane	9.67	107	39703	19.781	ug/l	100
64) Tetrachloroethene	9.34	164	38788	19.339	ug/l	98
65) Chlorobenzene	10.13	112	101564	19.396	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	35711	19.404	ug/l	99
67) Ethyl Benzene	10.25	91	171816	19.277	ug/l	99
68) m/p-Xylenes	10.36	106	130341	38.123	ug/l	100
69) o-Xylene	10.69	106	64522	19.337	ug/l	99
70) Styrene	10.71	104	108073	19.429	ug/l	100
71) Bromoform	10.85	173	25280	16.866	ug/l #	99
73) Isopropylbenzene	11.02	105	174357	19.285	ug/l	99
74) N-amyl acetate	10.90	43	65117	18.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	58930	19.917	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	49271m	20.406	ug/l	
77) Bromobenzene	11.25	156	48060	19.272	ug/l	99
78) n-propylbenzene	11.36	91	191905	19.211	ug/l	100
79) 2-Chlorotoluene	11.42	91	116164	19.358	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	145568	19.269	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	13966	17.468	ug/l	89
82) 4-Chlorotoluene	11.51	91	132946	19.035	ug/l	99
83) tert-Butylbenzene	11.77	119	144361	19.454	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	146940	19.298	ug/l	100
85) sec-Butylbenzene	11.94	105	171402	19.713	ug/l	98
86) p-Isopropyltoluene	12.06	119	159527	19.845	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	83258	19.238	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	85255	19.208	ug/l	98
89) n-Butylbenzene	12.38	91	131964	19.189	ug/l	99
90) Hexachloroethane	12.60	117	21859	17.241	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	85269	19.880	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11365	18.376	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\
Data File : VX011249.D
Acq On : 31 Jul 2019 17:40
Operator : JC/SP
Sample : VX0731WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Manual Integrations
APPROVED

MMdadoda
8/1/2019 11:20:00 AM

Quant Time: Aug 01 03:07:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57308	19.715	ug/l	99
94) Hexachlorobutadiene	13.78	225	28463	19.759	ug/l	99
95) Naphthalene	13.83	128	175137	20.403	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	59142	20.448	ug/l	100

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

