

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103019\
 Data File : VX013281.D
 Acq On : 30 Oct 2019 12:33
 Operator : JC/SP
 Sample : VX1030WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1030WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 4:05:30 PM

Quant Time: Oct 31 02:10:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	70406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	102131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	102521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	67872	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	79797	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
35) Dibromofluoromethane	5.49	113	61350	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
50) Toluene-d8	8.71	98	219104	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.13	95	83045	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	27353	19.254	ug/l	99
3) Chloromethane	1.32	50	21044	18.613	ug/l	99
4) Vinyl Chloride	1.40	62	23362	18.273	ug/l	97
5) Bromomethane	1.63	94	19352	28.557	ug/l	99
6) Chloroethane	1.72	64	24304	33.104	ug/l	99
7) Trichlorofluoromethane	1.92	101	56594	28.183	ug/l	98
8) Diethyl Ether	2.18	74	19425	28.073	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25702	20.571	ug/l	98
10) Methyl Iodide	2.50	142	27973	20.053	ug/l	100
11) Tert butyl alcohol	3.03	59	34567	107.598	ug/l	100
12) 1,1-Dichloroethene	2.37	96	23760	19.810	ug/l	92
13) Acrolein	2.28	56	13823	80.007	ug/l	97
14) Allyl chloride	2.72	41	35915	19.021	ug/l	96
15) Acrylonitrile	3.13	53	66199	101.989	ug/l	98
16) Acetone	2.43	43	74360	107.184	ug/l	98
17) Carbon Disulfide	2.56	76	56078	17.391	ug/l	99
18) Methyl Acetate	2.76	43	32414	21.951	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	88712	21.004	ug/l	98
20) Methylene Chloride	2.84	84	27623	21.457	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	25326	20.577	ug/l	92
22) Diisopropyl ether	3.84	45	74053	20.058	ug/l	97
23) Vinyl Acetate	3.80	43	319426	101.793	ug/l	99
24) 1,1-Dichloroethane	3.69	63	46566	20.506	ug/l	97
25) 2-Butanone	4.66	43	96419	103.631	ug/l	99
26) 2,2-Dichloropropane	4.57	77	44886	21.387	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	30288	20.620	ug/l	98
28) Bromochloromethane	5.00	49	12279	20.970	ug/l	96
29) Tetrahydrofuran	5.11	42	55831	99.554	ug/l	100
30) Chloroform	5.20	83	51852	21.446	ug/l	98
31) Cyclohexane	5.57	56	37365	19.620	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	47541	22.114	ug/l	99
36) 1,1-Dichloropropene	5.79	75	36374	21.232	ug/l	100
37) Ethyl Acetate	4.82	43	34278	20.141	ug/l	99
38) Carbon Tetrachloride	5.78	117	40504	21.456	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX103019\
 Data File : VX013281.D
 Acq On : 30 Oct 2019 12:33
 Operator : JC/SP
 Sample : VX1030WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1030WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 4:05:30 PM

Quant Time: Oct 31 02:10:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	40753	18.639	ug/l	97
40) Benzene	6.13	78	104186	20.310	ug/l	99
41) Methacrylonitrile	5.03	41	19164	21.002	ug/l	98
42) 1,2-Dichloroethane	6.19	62	43453	22.466	ug/l	99
43) Isopropyl Acetate	6.43	43	58487	20.698	ug/l	99
44) Trichloroethene	7.21	130	30286	20.802	ug/l	98
45) 1,2-Dichloropropane	7.51	63	25689	19.994	ug/l	98
46) Dibromomethane	7.65	93	19029	20.556	ug/l	99
47) Bromodichloromethane	7.89	83	39217	21.739	ug/l	96
48) Methyl methacrylate	7.76	41	29016	20.776	ug/l	98
49) 1,4-Dioxane	7.73	88	14563	409.695	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	176241	102.324	ug/l	100
52) Toluene	8.78	92	68892	20.264	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	41964	21.890	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	44353	21.149	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	28899	21.501	ug/l	98
56) Ethyl methacrylate	9.17	69	41954	20.739	ug/l	98
57) 1,3-Dichloropropane	9.37	76	46339	20.432	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	81668	103.461	ug/l	98
59) 2-Hexanone	9.48	43	139070	104.821	ug/l	98
60) Dibromochloromethane	9.57	129	30824	21.886	ug/l	99
61) 1,2-Dibromoethane	9.67	107	29728	20.834	ug/l	98
64) Tetrachloroethene	9.33	164	30337	22.939	ug/l	95
65) Chlorobenzene	10.14	112	74321	20.709	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	29460	22.221	ug/l	97
67) Ethyl Benzene	10.25	91	134536	20.940	ug/l	100
68) m/p-Xylenes	10.36	106	99216	40.863	ug/l	99
69) o-Xylene	10.70	106	48623	20.876	ug/l	99
70) Styrene	10.71	104	83132	20.728	ug/l	99
71) Bromoform	10.85	173	21584	22.281	ug/l #	100
73) Isopropylbenzene	11.01	105	130738	21.212	ug/l	99
74) N-amyl acetate	10.89	43	46706	20.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	41017	21.917	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	34574m	21.135	ug/l	
77) Bromobenzene	11.25	156	32159	21.770	ug/l	94
78) n-propylbenzene	11.35	91	144279	21.550	ug/l	99
79) 2-Chlorotoluene	11.42	91	92698	21.914	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	114560	22.362	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	12076	20.286	ug/l	92
82) 4-Chlorotoluene	11.51	91	104820	21.870	ug/l	99
83) tert-Butylbenzene	11.76	119	111105	21.921	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	115834	22.416	ug/l	96
85) sec-Butylbenzene	11.94	105	126603	21.950	ug/l	99
86) p-Isopropyltoluene	12.06	119	115521	21.319	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	55917	20.953	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	56365	20.745	ug/l	98
89) n-Butylbenzene	12.39	91	95282	21.495	ug/l	99
90) Hexachloroethane	12.59	117	19902	21.932	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	57684	21.981	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	9936	21.350	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103019\
Data File : VX013281.D
Acq On : 30 Oct 2019 12:33
Operator : JC/SP
Sample : VX1030WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1030WBSD01

Manual Integrations
APPROVED

MMDadoda
10/31/2019 4:05:30 PM

Quant Time: Oct 31 02:10:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	34742	21.025	ug/l	98
94) Hexachlorobutadiene	13.78	225	17904	20.945	ug/l	97
95) Naphthalene	13.83	128	107734	21.243	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	34320	21.018	ug/l	99

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

