

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008380.D
 Acq On : 24 Mar 2019 10:39
 Operator : JC/SP
 Sample : VX0324WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:24:19 AM

Quant Time: Mar 25 06:06:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	356607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	158772	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	5.49	113	115673	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	8.71	98	464068	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.13	95	168829	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46884	19.976	ug/l	98
3) Chloromethane	1.32	50	68397	19.658	ug/l	99
4) Vinyl Chloride	1.40	62	68049	20.039	ug/l	99
5) Bromomethane	1.64	94	44438	20.781	ug/l	96
6) Chloroethane	1.72	64	40654	20.441	ug/l	99
7) Trichlorofluoromethane	1.93	101	76308	19.760	ug/l	99
8) Diethyl Ether	2.18	74	36650	19.820	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45086	19.708	ug/l	88
10) Methyl Iodide	2.51	142	53731	18.513	ug/l	97
11) Tert butyl alcohol	3.04	59	70464	100.041	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46474	19.680	ug/l	91
13) Acrolein	2.29	56	56232	93.426	ug/l	99
14) Allyl chloride	2.73	41	101134	19.359	ug/l	94
15) Acrylonitrile	3.14	53	178560	98.995	ug/l	98
16) Acetone	2.44	43	168974	106.905	ug/l	97
17) Carbon Disulfide	2.57	76	138084	18.287	ug/l	98
18) Methyl Acetate	2.77	43	76367	19.302	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	167849	19.735	ug/l	97
20) Methylene Chloride	2.85	84	55638	19.553	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	49679	19.429	ug/l	94
22) Diisopropyl ether	3.85	45	205377	20.191	ug/l #	84
23) Vinyl Acetate	3.81	43	914363	101.815	ug/l	96
24) 1,1-Dichloroethane	3.70	63	102102	19.688	ug/l	98
25) 2-Butanone	4.67	43	265411	101.978	ug/l	97
26) 2,2-Dichloropropane	4.58	77	68555	20.518	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	57236	19.543	ug/l	90
28) Bromochloromethane	5.01	49	54170	20.924	ug/l #	78
29) Tetrahydrofuran	5.13	42	171568	99.280	ug/l	96
30) Chloroform	5.21	83	93936	20.091	ug/l	99
31) Cyclohexane	5.58	56	98992	19.906	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	72586	19.622	ug/l	96
36) 1,1-Dichloropropene	5.80	75	71530	19.630	ug/l	96
37) Ethyl Acetate	4.83	43	99199	20.114	ug/l	98
38) Carbon Tetrachloride	5.79	117	61458	19.675	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008380.D
 Acq On : 24 Mar 2019 10:39
 Operator : JC/SP
 Sample : VX0324WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:24:19 AM

Quant Time: Mar 25 06:06:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87974	19.696	ug/l	93
40) Benzene	6.14	78	220898	19.905	ug/l	100
41) Methacrylonitrile	5.04	41	55669	20.709	ug/l	97
42) 1,2-Dichloroethane	6.19	62	78591	19.515	ug/l	97
43) Isopropyl Acetate	6.45	43	153575	19.998	ug/l	97
44) Trichloroethene	7.21	130	49868	19.350	ug/l	90
45) 1,2-Dichloropropane	7.51	63	63753	20.293	ug/l	100
46) Dibromomethane	7.66	93	36163	19.396	ug/l #	84
47) Bromodichloromethane	7.90	83	70143	19.724	ug/l	99
48) Methyl methacrylate	7.77	41	77749	20.064	ug/l	94
49) 1,4-Dioxane	7.74	88	31743	406.002	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	513949	102.000	ug/l	97
52) Toluene	8.78	92	131956	20.278	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74945	19.601	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	85826	19.798	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	53606	19.832	ug/l	97
56) Ethyl methacrylate	9.18	69	96918	20.254	ug/l	91
57) 1,3-Dichloropropane	9.37	76	95607	19.855	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	261692	101.429	ug/l	92
59) 2-Hexanone	9.49	43	396942	102.622	ug/l	96
60) Dibromochloromethane	9.58	129	49468	19.717	ug/l	100
61) 1,2-Dibromoethane	9.67	107	55079	20.078	ug/l	99
64) Tetrachloroethene	9.34	164	40494	19.536	ug/l	97
65) Chlorobenzene	10.13	112	133108	20.024	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	45746	19.844	ug/l	98
67) Ethyl Benzene	10.25	91	251206	20.182	ug/l	97
68) m/p-Xylenes	10.36	106	183621	41.058	ug/l	93
69) o-Xylene	10.69	106	88641	20.270	ug/l	93
70) Styrene	10.71	104	153796	20.279	ug/l	96
71) Bromoform	10.85	173	35194	19.819	ug/l #	98
73) Isopropylbenzene	11.02	105	235650	20.372	ug/l	98
74) N-amyl acetate	10.90	43	139749	20.635	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	91069	19.765	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	76492m	19.937	ug/l	
77) Bromobenzene	11.26	156	54354	19.859	ug/l	80
78) n-propylbenzene	11.36	91	278914	20.572	ug/l	95
79) 2-Chlorotoluene	11.42	91	165847	20.082	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	200714	20.397	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	25692	19.083	ug/l #	82
82) 4-Chlorotoluene	11.51	91	190283	19.996	ug/l	94
83) tert-Butylbenzene	11.77	119	189293	20.201	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	201431	20.512	ug/l	97
85) sec-Butylbenzene	11.94	105	229336	20.421	ug/l	96
86) p-Isopropyltoluene	12.06	119	205931	20.804	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	96830	19.698	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	98516	19.696	ug/l	96
89) n-Butylbenzene	12.38	91	190204	20.127	ug/l	96
90) Hexachloroethane	12.60	117	32131	19.651	ug/l	79
91) 1,2-Dichlorobenzene	12.39	146	98165	19.717	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20598	20.975	ug/l	74

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032419\
Data File : VX008380.D
Acq On : 24 Mar 2019 10:39
Operator : JC/SP
Sample : VX0324WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Manual Integrations
APPROVED

MMDadoda
3/25/2019 11:24:19 AM

Quant Time: Mar 25 06:06:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65314	19.454	ug/l	99
94) Hexachlorobutadiene	13.78	225	31412	19.798	ug/l	98
95) Naphthalene	13.83	128	245296	20.806	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	68490	20.217	ug/l	98

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

