

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
 Data File : VX011405.D
 Acq On : 09 Aug 2019 13:22
 Operator : JC/SP
 Sample : VX0809WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 12:50:08 PM

Quant Time: Aug 11 00:24:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	169339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	249645	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119297	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	95683	56.11	ug/l	0.00
Spiked Amount			Recovery	=	112.22%	
35) Dibromofluoromethane	5.49	113	81259	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	8.71	98	305105	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	112313	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	23784	18.185	ug/l	97
3) Chloromethane	1.32	50	24913	16.963	ug/l	99
4) Vinyl Chloride	1.40	62	27856	17.242	ug/l	95
5) Bromomethane	1.63	94	21627	18.770	ug/l	97
6) Chloroethane	1.71	64	19162	17.454	ug/l	99
7) Trichlorofluoromethane	1.92	101	50138	17.454	ug/l	99
8) Diethyl Ether	2.18	74	17848	17.401	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	28170	18.124	ug/l	98
10) Methyl Iodide	2.50	142	33395	17.042	ug/l	98
11) Tert butyl alcohol	3.03	59	35417	104.164	ug/l	99
12) 1,1-Dichloroethene	2.37	96	27105	17.592	ug/l	89
13) Acrolein	2.29	56	19621	92.579	ug/l	99
14) Allyl chloride	2.72	41	42189	20.540	ug/l	97
15) Acrylonitrile	3.14	53	82911	102.171	ug/l	98
16) Acetone	2.43	43	78290	96.451	ug/l	95
17) Carbon Disulfide	2.56	76	62407	17.261	ug/l	100
18) Methyl Acetate	2.76	43	38479	20.744	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	90946	20.030	ug/l	98
20) Methylene Chloride	2.85	84	31400	17.664	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	29376	18.024	ug/l	89
22) Diisopropyl ether	3.85	45	88398	19.582	ug/l	94
23) Vinyl Acetate	3.81	43	383874	102.525	ug/l	99
24) 1,1-Dichloroethane	3.69	63	52072	19.562	ug/l	98
25) 2-Butanone	4.66	43	115377	99.924	ug/l	95
26) 2,2-Dichloropropane	4.57	77	41950	20.273	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	34081	18.155	ug/l	94
28) Bromochloromethane	5.01	49	23526	19.386	ug/l	93
29) Tetrahydrofuran	5.12	42	71530	101.035	ug/l	97
30) Chloroform	5.21	83	56822	19.640	ug/l	97
31) Cyclohexane	5.57	56	39974	18.202	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	49126	19.822	ug/l	99
36) 1,1-Dichloropropene	5.79	75	39458	18.103	ug/l	98
37) Ethyl Acetate	4.82	43	42314	19.354	ug/l	99
38) Carbon Tetrachloride	5.78	117	42211	19.249	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
 Data File : VX011405.D
 Acq On : 09 Aug 2019 13:22
 Operator : JC/SP
 Sample : VX0809WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0809WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 12:50:08 PM

Quant Time: Aug 11 00:24:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	42819	16.573	ug/l	99
40) Benzene	6.14	78	121050	18.611	ug/l	99
41) Methacrylonitrile	5.03	41	23314	19.526	ug/l	95
42) 1,2-Dichloroethane	6.19	62	45543	20.707	ug/l	98
43) Isopropyl Acetate	6.43	43	66595	19.052	ug/l	99
44) Trichloroethene	7.21	130	35037	17.797	ug/l	100
45) 1,2-Dichloropropane	7.51	63	30768	18.266	ug/l	97
46) Dibromomethane	7.66	93	22592	18.372	ug/l	97
47) Bromodichloromethane	7.90	83	40977	19.682	ug/l	96
48) Methyl methacrylate	7.76	41	32351	19.666	ug/l	98
49) 1,4-Dioxane	7.74	88	17241	361.521	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	226225	100.285	ug/l	100
52) Toluene	8.78	92	79254	18.430	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	41927	19.149	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	46919	19.292	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	33379	18.878	ug/l	98
56) Ethyl methacrylate	9.18	69	48228	19.141	ug/l	96
57) 1,3-Dichloropropane	9.37	76	53378	19.089	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.30	63	117666	94.976	ug/l	99
59) 2-Hexanone	9.49	43	178657	102.248	ug/l	98
60) Dibromochloromethane	9.58	129	34132	18.855	ug/l	99
61) 1,2-Dibromoethane	9.67	107	36020	18.856	ug/l	98
64) Tetrachloroethene	9.34	164	34980	18.025	ug/l	96
65) Chlorobenzene	10.13	112	89584	18.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33034	19.694	ug/l	98
67) Ethyl Benzene	10.25	91	154122	18.783	ug/l	98
68) m/p-Xylenes	10.36	106	118211	37.245	ug/l	97
69) o-Xylene	10.69	106	57181	18.336	ug/l	97
70) Styrene	10.71	104	97250	18.847	ug/l	99
71) Bromoform	10.85	173	24961	18.535	ug/l	97
73) Isopropylbenzene	11.02	105	155788	19.094	ug/l	99
74) N-amyl acetate	10.90	43	59311	20.118	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	53340	19.617	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	44431m	20.451	ug/l	
77) Bromobenzene	11.25	156	42568	18.815	ug/l	96
78) n-propylbenzene	11.36	91	173082	19.076	ug/l	98
79) 2-Chlorotoluene	11.42	91	104086	19.247	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	129057	18.896	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13125	19.199	ug/l	88
82) 4-Chlorotoluene	11.51	91	120706	19.152	ug/l	97
83) tert-Butylbenzene	11.77	119	127062	18.968	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	132985	19.556	ug/l	100
85) sec-Butylbenzene	11.94	105	150332	18.679	ug/l	99
86) p-Isopropyltoluene	12.06	119	138224	18.669	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	74320	18.591	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	76047	18.448	ug/l	97
89) n-Butylbenzene	12.38	91	116366	18.242	ug/l	99
90) Hexachloroethane	12.59	117	20491	18.719	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	75841	18.882	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	10952	20.790	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
Data File : VX011405.D
Acq On : 09 Aug 2019 13:22
Operator : JC/SP
Sample : VX0809WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS02

Manual Integrations
APPROVED

MMDadoda
8/12/2019 12:50:08 PM

Quant Time: Aug 11 00:24:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	49931	18.744	ug/l	98
94) Hexachlorobutadiene	13.78	225	24524	18.146	ug/l	98
95) Naphthalene	13.83	128	153357	19.687	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	50928	18.806	ug/l	100

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

