

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032519\
 Data File : VX008421.D
 Acq On : 25 Mar 2019 19:50
 Operator : JC/SP
 Sample : VX0325WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 8:56:07 AM

Quant Time: Mar 26 08:04:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	300547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139397	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	150476	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
35) Dibromofluoromethane	5.50	113	112772	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
50) Toluene-d8	8.71	98	448325	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.13	95	163249	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	41776	18.096	ug/l	98
3) Chloromethane	1.32	50	60297	20.315	ug/l	100
4) Vinyl Chloride	1.40	62	60614	18.805	ug/l	98
5) Bromomethane	1.64	94	31719	19.879	ug/l	99
6) Chloroethane	1.71	64	38987	20.418	ug/l	100
7) Trichlorofluoromethane	1.93	101	69206	18.958	ug/l	97
8) Diethyl Ether	2.18	74	32874	19.028	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	41001	18.584	ug/l	99
10) Methyl Iodide	2.51	142	34110	18.707	ug/l	100
11) Tert butyl alcohol	3.04	59	61958	94.186	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42225	18.532	ug/l	95
13) Acrolein	2.29	56	44296	92.726	ug/l	96
14) Allyl chloride	2.73	41	92147	18.357	ug/l	99
15) Acrylonitrile	3.14	53	162135	93.995	ug/l	100
16) Acetone	2.44	43	142984	92.140	ug/l	100
17) Carbon Disulfide	2.57	76	126380	16.721	ug/l	100
18) Methyl Acetate	2.77	43	69982	18.777	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	156372	19.045	ug/l	100
20) Methylene Chloride	2.85	84	51874	20.099	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	45220	19.754	ug/l	98
22) Diisopropyl ether	3.85	45	188493	19.071	ug/l	99
23) Vinyl Acetate	3.81	43	837738	97.149	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94600	18.958	ug/l	99
25) 2-Butanone	4.67	43	233624	93.907	ug/l	99
26) 2,2-Dichloropropane	4.59	77	60157	18.125	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	53075	19.050	ug/l	99
28) Bromochloromethane	5.01	49	50276	20.394	ug/l	98
29) Tetrahydrofuran	5.13	42	153385	93.547	ug/l	99
30) Chloroform	5.21	83	86357	19.176	ug/l	97
31) Cyclohexane	5.58	56	90020	18.915	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	68219	18.952	ug/l	100
36) 1,1-Dichloropropene	5.80	75	65805	18.311	ug/l	98
37) Ethyl Acetate	4.83	43	87615	18.819	ug/l	98
38) Carbon Tetrachloride	5.78	117	55741	18.586	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008421.D
 Acq On : 25 Mar 2019 19:50
 Operator : JC/SP
 Sample : VX0325WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 8:56:07 AM

Quant Time: Mar 26 08:04:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79720	18.562	ug/l	98
40) Benzene	6.14	78	203571	18.922	ug/l	100
41) Methacrylonitrile	5.04	41	49766	19.022	ug/l	99
42) 1,2-Dichloroethane	6.20	62	73580	18.680	ug/l	100
43) Isopropyl Acetate	6.45	43	139247	18.699	ug/l	100
44) Trichloroethene	7.21	130	46211	18.293	ug/l	100
45) 1,2-Dichloropropane	7.51	63	57518	18.809	ug/l	100
46) Dibromomethane	7.66	93	33025	18.494	ug/l	100
47) Bromodichloromethane	7.90	83	64612	18.903	ug/l	100
48) Methyl methacrylate	7.77	41	70175	18.834	ug/l	100
49) 1,4-Dioxane	7.74	88	27414	370.034	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	460506	95.212	ug/l	100
52) Toluene	8.79	92	119826	18.627	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	69816	18.649	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	78887	18.530	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	49418	18.872	ug/l	98
56) Ethyl methacrylate	9.18	69	90663	19.181	ug/l	99
57) 1,3-Dichloropropane	9.37	76	89530	19.069	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	232741	95.254	ug/l	99
59) 2-Hexanone	9.49	43	358551	95.673	ug/l	99
60) Dibromochloromethane	9.58	129	46296	18.590	ug/l	98
61) 1,2-Dibromoethane	9.67	107	50708	18.975	ug/l	99
64) Tetrachloroethene	9.34	164	37701	18.529	ug/l	99
65) Chlorobenzene	10.14	112	123133	18.839	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	42876	19.014	ug/l	99
67) Ethyl Benzene	10.25	91	231878	18.798	ug/l	99
68) m/p-Xylenes	10.36	106	168855	37.628	ug/l	100
69) o-Xylene	10.69	106	81883	18.803	ug/l	98
70) Styrene	10.71	104	142517	18.946	ug/l	100
71) Bromoform	10.85	173	32426	18.208	ug/l #	99
73) Isopropylbenzene	11.02	105	222891	19.654	ug/l	99
74) N-amyl acetate	10.90	43	129401	19.713	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84046	19.101	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	69844m	16.854	ug/l	
77) Bromobenzene	11.26	156	51535	18.724	ug/l	100
78) n-propylbenzene	11.36	91	257326	19.370	ug/l	100
79) 2-Chlorotoluene	11.42	91	154702	19.146	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	186013	19.401	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23272	17.986	ug/l	91
82) 4-Chlorotoluene	11.51	91	176339	18.919	ug/l	100
83) tert-Butylbenzene	11.77	119	176653	19.097	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	187486	19.334	ug/l	99
85) sec-Butylbenzene	11.94	105	213663	19.396	ug/l	100
86) p-Isopropyltoluene	12.06	119	189133	19.458	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	91540	18.614	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	91295	18.395	ug/l	99
89) n-Butylbenzene	12.38	91	173942	18.891	ug/l	100
90) Hexachloroethane	12.59	117	30071	18.570	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	93922	19.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18848	19.645	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032519\
Data File : VX008421.D
Acq On : 25 Mar 2019 19:50
Operator : JC/SP
Sample : VX0325WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBS01

Manual Integrations
APPROVED

MMDadoda
3/27/2019 8:56:07 AM

Quant Time: Mar 26 08:04:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 04:58:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	63136	19.042	ug/l	99
94) Hexachlorobutadiene	13.78	225	29554	18.772	ug/l	99
95) Naphthalene	13.83	128	228411	20.094	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	64971	19.501	ug/l	99

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

