

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040219\
 Data File : VX008601.D
 Acq On : 02 Apr 2019 19:25
 Operator : JC/SP
 Sample : VX0402WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD03

Manual Integrations
 APPROVED

MMDadoda
 4/3/2019 11:32:47 AM

Quant Time: Apr 03 04:35:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121742	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	130201	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.16%		
35) Dibromofluoromethane	5.50	113	95812	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.96%		
50) Toluene-d8	8.71	98	380894	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.36%		
62) 4-Bromofluorobenzene	11.13	95	140224	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.72%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	33270	16.131	ug/l	97
3) Chloromethane	1.32	50	47992	18.026	ug/l	98
4) Vinyl Chloride	1.40	62	45844	15.919	ug/l	98
5) Bromomethane	1.64	94	21538	15.543	ug/l	99
6) Chloroethane	1.72	64	28882	16.930	ug/l	100
7) Trichlorofluoromethane	1.93	101	54339	16.661	ug/l	100
8) Diethyl Ether	2.18	74	26570	17.214	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35813	18.169	ug/l	98
10) Methyl Iodide	2.51	142	26723	16.912	ug/l	98
11) Tert butyl alcohol	3.04	59	59978	102.052	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35721	17.548	ug/l	96
13) Acrolein	2.29	56	45277	106.086	ug/l	99
14) Allyl chloride	2.73	41	83343	18.584	ug/l	99
15) Acrylonitrile	3.14	53	151177	98.097	ug/l	99
16) Acetone	2.44	43	140638	101.439	ug/l	99
17) Carbon Disulfide	2.57	76	97936	16.511	ug/l	100
18) Methyl Acetate	2.78	43	70052	21.038	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	140285	19.124	ug/l	99
20) Methylene Chloride	2.85	84	45578	19.756	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	38673	18.897	ug/l	96
22) Diisopropyl ether	3.85	45	171211	19.388	ug/l	98
23) Vinyl Acetate	3.81	43	750526	97.418	ug/l	99
24) 1,1-Dichloroethane	3.70	63	83152	18.652	ug/l	99
25) 2-Butanone	4.67	43	223270	100.450	ug/l	100
26) 2,2-Dichloropropane	4.59	77	58165	19.616	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	46256	18.583	ug/l	99
28) Bromochloromethane	5.01	49	41045	18.635	ug/l	99
29) Tetrahydrofuran	5.13	42	145041	99.010	ug/l	98
30) Chloroform	5.21	83	75540	18.775	ug/l	100
31) Cyclohexane	5.58	56	76190	17.919	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	60090	18.685	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55992	18.039	ug/l	99
37) Ethyl Acetate	4.84	43	83157	20.681	ug/l	100
38) Carbon Tetrachloride	5.79	117	49129	18.967	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040219\
 Data File : VX008601.D
 Acq On : 02 Apr 2019 19:25
 Operator : JC/SP
 Sample : VX0402WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0402WBSD03

Manual Integrations
 APPROVED

MMDadoda
 4/3/2019 11:32:47 AM

Quant Time: Apr 03 04:35:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68913	18.578	ug/l	98
40) Benzene	6.14	78	177318	19.082	ug/l	99
41) Methacrylonitrile	5.04	41	45974	20.345	ug/l	99
42) 1,2-Dichloroethane	6.19	62	63969	18.802	ug/l	100
43) Isopropyl Acetate	6.45	43	127882	19.883	ug/l	100
44) Trichloroethene	7.21	130	40472	18.550	ug/l	95
45) 1,2-Dichloropropane	7.51	63	50691	19.192	ug/l	99
46) Dibromomethane	7.66	93	28804	18.675	ug/l	98
47) Bromodichloromethane	7.90	83	56352	19.088	ug/l	97
48) Methyl methacrylate	7.77	41	64909	20.170	ug/l	99
49) 1,4-Dioxane	7.74	88	25535	399.061	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	434785	104.080	ug/l	99
52) Toluene	8.79	92	107598	19.366	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	62312	19.271	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	71293	19.389	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	44734	19.779	ug/l	98
56) Ethyl methacrylate	9.18	69	81082	19.860	ug/l	99
57) 1,3-Dichloropropane	9.37	76	79235	19.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	207789	98.462	ug/l	100
59) 2-Hexanone	9.49	43	341905	105.628	ug/l	99
60) Dibromochloromethane	9.58	129	41221	19.164	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45188	19.578	ug/l	98
64) Tetrachloroethene	9.33	164	34013	19.101	ug/l	98
65) Chlorobenzene	10.13	112	108388	18.948	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38810	19.665	ug/l	99
67) Ethyl Benzene	10.25	91	204133	18.909	ug/l	99
68) m/p-Xylenes	10.36	106	147356	37.520	ug/l	99
69) o-Xylene	10.69	106	72414	19.000	ug/l	100
70) Styrene	10.71	104	125466	19.058	ug/l	100
71) Bromoform	10.85	173	29317	18.811	ug/l	100
73) Isopropylbenzene	11.02	105	193531	19.540	ug/l	100
74) N-amyl acetate	10.90	43	117805	20.550	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	75370	19.613	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	72879m	20.136	ug/l	
77) Bromobenzene	11.26	156	46181	19.212	ug/l	98
78) n-propylbenzene	11.36	91	221993	19.134	ug/l	100
79) 2-Chlorotoluene	11.42	91	134884	19.114	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	161075	19.237	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22384	19.809	ug/l	95
82) 4-Chlorotoluene	11.51	91	153166	18.816	ug/l	99
83) tert-Butylbenzene	11.77	119	154228	19.091	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	163486	19.304	ug/l	99
85) sec-Butylbenzene	11.94	105	185944	19.328	ug/l	100
86) p-Isopropyltoluene	12.06	119	165504	19.496	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	80956	18.850	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	80493	18.570	ug/l	99
89) n-Butylbenzene	12.38	91	152225	18.930	ug/l	99
90) Hexachloroethane	12.59	117	26252	18.563	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	82795	19.250	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16420	19.596	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040219\
Data File : VX008601.D
Acq On : 02 Apr 2019 19:25
Operator : JC/SP
Sample : VX0402WBSD03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD03

Manual Integrations
APPROVED

MMDadoda
4/3/2019 11:32:47 AM

Quant Time: Apr 03 04:35:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55470	19.156	ug/l	99
94) Hexachlorobutadiene	13.78	225	27918	20.305	ug/l	98
95) Naphthalene	13.83	128	199684	20.114	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57666	19.818	ug/l	99

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

