

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005402.D
 Acq On : 14 Sep 2018 23:41
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 9/17/2018 2:23:51 PM

Quant Time: Sep 15 02:28:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	212325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	314121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	306490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	165224	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	45428	27.18	ug/l	0.00
Spiked Amount			Recovery	=	54.36%	
35) Dibromofluoromethane	7.90	113	36785	22.30	ug/l	0.00
Spiked Amount			Recovery	=	44.60%	
50) Toluene-d8	10.33	98	164052	19.98	ug/l	0.00
Spiked Amount			Recovery	=	39.96%	
62) 4-Bromofluorobenzene	12.62	95	62026	20.50	ug/l	0.00
Spiked Amount			Recovery	=	41.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	46648	25.04	ug/l	97
3) Chloromethane	2.21	50	55141	22.45	ug/l	96
4) Vinyl Chloride	2.36	62	50465	22.28	ug/l	98
5) Bromomethane	2.78	94	37686	24.39	ug/l	96
6) Chloroethane	2.92	64	28985	22.90	ug/l	99
7) Trichlorofluoromethane	3.26	101	66857	25.31	ug/l	96
8) Diethyl Ether	3.69	74	19499	21.39	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	38674	21.28	ug/l	99
10) Methyl Iodide	4.28	142	39808	19.78	ug/l	99
11) Tert butyl alcohol	5.22	59	16213m	123.28	ug/l	
12) 1,1-Dichloroethene	4.04	96	35015	20.99	ug/l	97
13) Acrolein	3.91	56	12289	101.71	ug/l	95
14) Allyl chloride	4.68	41	63047	23.74	ug/l	99
15) Acrylonitrile	5.39	53	45668	110.94	ug/l	99
16) Acetone	4.15	43	37811	125.39	ug/l	99
17) Carbon Disulfide	4.39	76	118197	20.23	ug/l	100
18) Methyl Acetate	4.68	43	22060	24.26	ug/l	99
19) Methyl tert-butyl Ether	5.44	73	94983	23.26	ug/l	95
20) Methylene Chloride	4.92	84	52813	21.02	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	41553	21.22	ug/l	95
22) Diisopropyl ether	6.32	45	128115	23.92	ug/l	99
23) Vinyl Acetate	6.27	43	371441	124.04	ug/l	99
24) 1,1-Dichloroethane	6.23	63	76700	23.40	ug/l	99
25) 2-Butanone	7.18	43	58444	122.66	ug/l	96
26) 2,2-Dichloropropane	7.18	77	68343	24.01	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	44653	21.23	ug/l	99
28) Bromochloromethane	7.52	49	28980	24.03	ug/l	99
29) Tetrahydrofuran	7.54	42	37296	117.44	ug/l	100
30) Chloroform	7.68	83	78357	23.81	ug/l	97
31) Cyclohexane	7.96	56	73246	21.60	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	75352	25.17	ug/l	98
36) 1,1-Dichloropropene	8.09	75	63330	21.90	ug/l	99
37) Ethyl Acetate	7.26	43	27271	24.40	ug/l	98
38) Carbon Tetrachloride	8.07	117	67192	24.37	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005402.D
 Acq On : 14 Sep 2018 23:41
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 9/17/2018 2:23:51 PM

Quant Time: Sep 15 02:28:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	70648	18.79	ug/l	99
40) Benzene	8.33	78	179779	21.21	ug/l	100
41) Methacrylonitrile	7.49	41	15314	26.26	ug/l	97
42) 1,2-Dichloroethane	8.41	62	58250	27.24	ug/l	100
43) Isopropyl Acetate	8.43	43	49971	23.94	ug/l	100
44) Trichloroethene	9.10	130	47208	20.51	ug/l	97
45) 1,2-Dichloropropane	9.37	63	44519	21.86	ug/l	100
46) Dibromomethane	9.46	93	22123	22.02	ug/l	98
47) Bromodichloromethane	9.65	83	58411	23.43	ug/l	99
48) Methyl methacrylate	9.45	41	24256	22.55	ug/l	99
49) 1,4-Dioxane	9.47	88	7000	383.85	ug/l #	93
51) 4-Methyl-2-Pentanone	10.22	43	130242	112.37	ug/l	99
52) Toluene	10.40	92	123165	20.11	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57362	21.57	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	66382	21.06	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	31418	19.96	ug/l	98
56) Ethyl methacrylate	10.65	69	40090	20.02	ug/l	97
57) 1,3-Dichloropropane	10.94	76	56225	21.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	93056	106.41	ug/l	99
59) 2-Hexanone	10.98	43	88589	106.46	ug/l	99
60) Dibromochloromethane	11.13	129	38307	21.62	ug/l	99
61) 1,2-Dibromoethane	11.24	107	28305	19.62	ug/l	99
64) Tetrachloroethene	10.87	164	47151	20.79	ug/l	97
65) Chlorobenzene	11.66	112	136423	20.47	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	42412	21.06	ug/l	97
67) Ethyl Benzene	11.74	91	238164	20.46	ug/l	98
68) m/p-Xylenes	11.85	106	185483	39.77	ug/l	100
69) o-Xylene	12.17	106	85842	19.82	ug/l	100
70) Styrene	12.19	104	142618	20.12	ug/l	99
71) Bromoform	12.35	173	23005	21.15	ug/l #	99
73) Isopropylbenzene	12.47	105	234440	20.21	ug/l	100
74) N-amyl acetate	12.28	43	49225	21.84	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	34496	19.87	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	31723m	25.01	ug/l	
77) Bromobenzene	12.76	156	55503	20.21	ug/l	99
78) n-propylbenzene	12.81	91	286130	20.38	ug/l	100
79) 2-Chlorotoluene	12.90	91	168843	20.94	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	210151	21.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10675	19.86	ug/l	95
82) 4-Chlorotoluene	12.99	91	181539	21.37	ug/l	99
83) tert-Butylbenzene	13.21	119	171854	19.82	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	214624	21.27	ug/l	98
85) sec-Butylbenzene	13.39	105	247856	19.92	ug/l	100
86) p-Isopropyltoluene	13.51	119	223986	20.29	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	114656	20.01	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112691	19.90	ug/l	98
89) n-Butylbenzene	13.83	91	206273	19.88	ug/l	99
90) Hexachloroethane	14.10	117	37216	20.81	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	100290	19.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6660	22.57	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091618\
Data File : VW005402.D
Acq On : 14 Sep 2018 23:41
Operator : SY/AP
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

apatel
9/17/2018 2:23:51 PM

Quant Time: Sep 15 02:28:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	65820	18.49	ug/l	99
94) Hexachlorobutadiene	15.24	225	44111	19.35	ug/l	99
95) Naphthalene	15.38	128	107154	18.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	57845	18.92	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091618\
Data File : VW005402.D
Acq On : 14 Sep 2018 23:41
Operator : SY/AP
Sample : VSTDIC020
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

apatel
9/17/2018 2:23:51 PM

Quant Time: Sep 15 02:28:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration

