

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090818\
 Data File : VW005228.D
 Acq On : 08 Sep 2018 00:37
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 9/10/2018 10:42:09 AM

Quant Time: Sep 08 03:42:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 08 02:41:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	460688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	681817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	691047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	378720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	75669	19.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.62%	
35) Dibromofluoromethane	7.89	113	74729	19.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.18%	
50) Toluene-d8	10.33	98	356620	19.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.26%	
62) 4-Bromofluorobenzene	12.63	95	133638	20.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	86569	23.39	ug/l	99
3) Chloromethane	2.22	50	118555	22.34	ug/l	99
4) Vinyl Chloride	2.36	62	101351	19.75	ug/l	100
5) Bromomethane	2.75	94	67061	18.99	ug/l	97
6) Chloroethane	2.90	64	58102	18.42	ug/l	99
7) Trichlorofluoromethane	3.26	101	107437	18.64	ug/l	98
8) Diethyl Ether	3.69	74	42757	20.35	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	73360	18.46	ug/l	99
10) Methyl Iodide	4.27	142	85525	16.93	ug/l	99
11) Tert butyl alcohol	5.18	59	32364	116.46	ug/l	99
12) 1,1-Dichloroethene	4.04	96	70070	19.15	ug/l	98
13) Acrolein	3.90	56	29262	115.90	ug/l	98
14) Allyl chloride	4.67	41	109813	19.23	ug/l	100
15) Acrylonitrile	5.37	53	98567	109.36	ug/l	100
16) Acetone	4.13	43	68294	91.46	ug/l	98
17) Carbon Disulfide	4.38	76	244719	19.12	ug/l	99
18) Methyl Acetate	4.68	43	43733	19.65	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	189485	21.15	ug/l	98
20) Methylene Chloride	4.92	84	127285	20.38	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	86532	19.43	ug/l	94
22) Diisopropyl ether	6.32	45	246558	20.48	ug/l	97
23) Vinyl Acetate	6.26	43	669137	105.20	ug/l	99
24) 1,1-Dichloroethane	6.22	63	144620	19.28	ug/l	99
25) 2-Butanone	7.18	43	112406	87.59	ug/l	96
26) 2,2-Dichloropropane	7.17	77	105965	17.31	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	94751	19.49	ug/l	99
28) Bromochloromethane	7.52	49	55220	18.33	ug/l	99
29) Tetrahydrofuran	7.54	42	76818	112.96	ug/l	99
30) Chloroform	7.68	83	147852	19.32	ug/l	99
31) Cyclohexane	7.96	56	141507	19.09	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	124027	18.59	ug/l	99
36) 1,1-Dichloropropene	8.09	75	119648	18.78	ug/l	99
37) Ethyl Acetate	7.26	43	53277	22.01	ug/l	99
38) Carbon Tetrachloride	8.07	117	108700	18.01	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090818\
 Data File : VW005228.D
 Acq On : 08 Sep 2018 00:37
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 9/10/2018 10:42:09 AM

Quant Time: Sep 08 03:42:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 08 02:41:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	140805	18.19	ug/l	98
40) Benzene	8.33	78	368528	18.88	ug/l	100
41) Methacrylonitrile	7.49	41	26910	19.40	ug/l	92
42) 1,2-Dichloroethane	8.41	62	93268	19.54	ug/l	99
43) Isopropyl Acetate	8.43	43	94384	21.36	ug/l	99
44) Trichloroethene	9.10	130	99616	18.95	ug/l	98
45) 1,2-Dichloropropane	9.38	63	87632	18.43	ug/l	98
46) Dibromomethane	9.46	93	41633	18.30	ug/l	98
47) Bromodichloromethane	9.65	83	101825	17.81	ug/l	98
48) Methyl methacrylate	9.45	41	41496	19.20	ug/l #	88
49) 1,4-Dioxane	9.45	88	16148	432.07	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	256189	89.56	ug/l	98
52) Toluene	10.39	92	261648	19.77	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	110483	19.51	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	134860	19.70	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	71051	20.07	ug/l	99
56) Ethyl methacrylate	10.65	69	86164	20.95	ug/l	99
57) 1,3-Dichloropropane	10.94	76	118426	20.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	198247	103.42	ug/l	99
59) 2-Hexanone	10.98	43	177738	91.45	ug/l	100
60) Dibromochloromethane	11.13	129	78155	19.52	ug/l	99
61) 1,2-Dibromoethane	11.24	107	64992	20.21	ug/l	96
64) Tetrachloroethene	10.87	164	102592	19.01	ug/l	98
65) Chlorobenzene	11.66	112	296096	19.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	88238	18.83	ug/l	100
67) Ethyl Benzene	11.74	91	488223	18.87	ug/l	99
68) m/p-Xylenes	11.85	106	403439	38.99	ug/l	100
69) o-Xylene	12.17	106	186140	19.38	ug/l	100
70) Styrene	12.19	104	310594	19.64	ug/l	100
71) Bromoform	12.35	173	48857	19.50	ug/l #	99
73) Isopropylbenzene	12.47	105	488188	18.56	ug/l	99
74) N-amyl acetate	12.28	43	99240	21.24	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	84153	20.60	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	56203m	19.60	ug/l	
77) Bromobenzene	12.76	156	125760	19.35	ug/l	99
78) n-propylbenzene	12.81	91	594997	18.78	ug/l	100
79) 2-Chlorotoluene	12.90	91	352283	19.02	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	430809	19.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	22832	19.36	ug/l	99
82) 4-Chlorotoluene	12.99	91	376444	19.23	ug/l	100
83) tert-Butylbenzene	13.21	119	355654	18.64	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	442882	19.20	ug/l	99
85) sec-Butylbenzene	13.39	105	525059	18.83	ug/l	100
86) p-Isopropyltoluene	13.51	119	466945	18.93	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	258490	19.40	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	256048	19.34	ug/l	99
89) n-Butylbenzene	13.83	91	424571	18.61	ug/l	99
90) Hexachloroethane	14.10	117	74558	18.10	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	230587	19.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13504	20.89	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090818\
Data File : VW005228.D
Acq On : 08 Sep 2018 00:37
Operator : SY/AP
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

apatel
9/10/2018 10:42:09 AM

Quant Time: Sep 08 03:42:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 08 02:41:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	153532	19.72	ug/l	100
94) Hexachlorobutadiene	15.25	225	94630	19.43	ug/l	100
95) Naphthalene	15.38	128	252590	20.46	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	136152	20.35	ug/l	100

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

