

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005239.D
 Acq On : 10 Sep 2018 14:07
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:09:12 AM

Quant Time: Sep 11 02:55:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:46:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	510384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	724157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	713809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	391657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	19479	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
35) Dibromofluoromethane	7.89	113	17854	4.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.42%	
50) Toluene-d8	10.33	98	90488	4.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.44%	
62) 4-Bromofluorobenzene	12.62	95	34059	4.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	23360	5.31	ug/l	98
3) Chloromethane	2.22	50	30036	5.10	ug/l	100
4) Vinyl Chloride	2.36	62	28586	5.29	ug/l	98
5) Bromomethane	2.77	94	22045	6.00	ug/l	95
6) Chloroethane	2.92	64	15696	5.27	ug/l	94
7) Trichlorofluoromethane	3.26	101	31777	5.20	ug/l	96
8) Diethyl Ether	3.69	74	10972	5.04	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	23145	5.30	ug/l	99
10) Methyl Iodide	4.28	142	16836	3.50	ug/l	96
11) Tert butyl alcohol	5.17	59	7763	24.87	ug/l #	73
12) 1,1-Dichloroethene	4.05	96	20025	4.98	ug/l	98
13) Acrolein	3.90	56	7374	24.45	ug/l	100
14) Allyl chloride	4.68	41	30045	4.86	ug/l	97
15) Acrylonitrile	5.38	53	23220	23.62	ug/l	100
16) Acetone	4.12	43	17767	25.14	ug/l	98
17) Carbon Disulfide	4.39	76	67951	4.82	ug/l	98
18) Methyl Acetate	4.68	43	10109	4.79	ug/l	100
19) Methyl tert-butyl Ether	5.44	73	46072	4.81	ug/l	97
20) Methylene Chloride	4.92	84	38240	6.39	ug/l	94
21) trans-1,2-Dichloroethene	5.44	96	23841	5.08	ug/l	94
22) Diisopropyl ether	6.32	45	57010	4.58	ug/l	95
23) Vinyl Acetate	6.27	43	158404	22.86	ug/l	99
24) 1,1-Dichloroethane	6.23	63	38301	5.00	ug/l	99
25) 2-Butanone	7.18	43	27100	24.31	ug/l	99
26) 2,2-Dichloropropane	7.18	77	35214	5.31	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	24885	4.95	ug/l	100
28) Bromochloromethane	7.52	49	15570	5.51	ug/l #	98
29) Tetrahydrofuran	7.54	42	17420	23.19	ug/l	98
30) Chloroform	7.68	83	38445	5.00	ug/l	98
31) Cyclohexane	7.96	56	44849	5.51	ug/l #	78
32) 1,1,1-Trichloroethane	7.88	97	36084	5.20	ug/l	96
36) 1,1-Dichloropropene	8.09	75	33898	5.11	ug/l	98
37) Ethyl Acetate	7.26	43	12738	5.05	ug/l #	92
38) Carbon Tetrachloride	8.07	117	33161	5.34	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005239.D
 Acq On : 10 Sep 2018 14:07
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:09:12 AM

Quant Time: Sep 11 02:55:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:46:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	41398	4.70	ug/l	99
40) Benzene	8.33	78	97178	4.97	ug/l	100
41) Methacrylonitrile	7.49	41	4770	3.68	ug/l #	65
42) 1,2-Dichloroethane	8.41	62	24032	5.14	ug/l	99
43) Isopropyl Acetate	8.43	43	22280	4.75	ug/l	97
44) Trichloroethene	9.10	130	27421	5.11	ug/l	96
45) 1,2-Dichloropropane	9.37	63	22896	4.87	ug/l	99
46) Dibromomethane	9.46	93	11799	5.13	ug/l	98
47) Bromodichloromethane	9.65	83	27343	4.86	ug/l	97
48) Methyl methacrylate	9.45	41	10210	4.20	ug/l	93
49) 1,4-Dioxane	9.46	88	3862	89.95	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	57453	21.79	ug/l	99
52) Toluene	10.40	92	68074	4.79	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	27489	4.52	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	34078	4.68	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	18117	4.94	ug/l	96
56) Ethyl methacrylate	10.65	69	19259	4.14	ug/l	97
57) 1,3-Dichloropropane	10.94	76	29823	4.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	45806	22.67	ug/l	99
59) 2-Hexanone	10.98	43	39961	21.02	ug/l	93
60) Dibromochloromethane	11.13	129	18804	4.62	ug/l	98
61) 1,2-Dibromoethane	11.24	107	16223	4.82	ug/l	95
64) Tetrachloroethene	10.87	164	26336	4.97	ug/l	94
65) Chlorobenzene	11.66	112	77738	4.97	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	23223	4.97	ug/l	97
67) Ethyl Benzene	11.74	91	129050	4.74	ug/l	99
68) m/p-Xylenes	11.85	106	103451	9.43	ug/l	97
69) o-Xylene	12.17	106	46348	4.54	ug/l	99
70) Styrene	12.19	104	73503	4.41	ug/l	99
71) Bromoform	12.35	173	11678	4.61	ug/l #	98
73) Isopropylbenzene	12.47	105	127793	4.62	ug/l	99
74) N-amyl acetate	12.28	43	22299	4.24	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	19466	4.68	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	16894m	3.32	ug/l	
77) Bromobenzene	12.76	156	31949	4.90	ug/l	98
78) n-propylbenzene	12.81	91	154562	4.65	ug/l	99
79) 2-Chlorotoluene	12.90	91	90491	4.75	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	105086	4.46	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	5571	4.34	ug/l	94
82) 4-Chlorotoluene	12.99	91	97159	4.85	ug/l	99
83) tert-Butylbenzene	13.21	119	91435	4.44	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	106063	4.48	ug/l	99
85) sec-Butylbenzene	13.39	105	137757	4.65	ug/l	99
86) p-Isopropyltoluene	13.51	119	117370	4.48	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	68407	5.00	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	68357	5.08	ug/l	96
89) n-Butylbenzene	13.83	91	110772	4.49	ug/l	99
90) Hexachloroethane	14.10	117	19793	4.71	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	60377	5.02	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3259	4.71	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091018\
Data File : VW005239.D
Acq On : 10 Sep 2018 14:07
Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

apatel
9/11/2018 11:09:12 AM

Quant Time: Sep 11 02:55:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:46:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	39869	4.68	ug/l	97
94) Hexachlorobutadiene	15.25	225	27197	4.99	ug/l	100
95) Naphthalene	15.38	128	57408	4.16	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	33592	4.59	ug/l	97

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

