

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002182.D
 Acq On : 02 Apr 2020 11:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 4/3/2020 5:53:07 PM

Quant Time: Apr 03 03:34:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	155446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	282665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	253649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116509	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	88645	51.59	ug/l	0.00
Spiked Amount						
			Recovery	=	103.18%	
35) Dibromofluoromethane	7.74	113	82538	52.11	ug/l	0.00
Spiked Amount						
			Recovery	=	104.22%	
50) Toluene-d8	10.19	98	338215	51.40	ug/l	0.00
Spiked Amount						
			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.50	95	119164	51.79	ug/l	0.01
Spiked Amount						
			Recovery	=	103.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	46983	46.514	ug/l	100
3) Chloromethane	2.13	50	80571	44.353	ug/l	99
4) Vinyl Chloride	2.27	62	85739	46.407	ug/l	98
5) Bromomethane	2.67	94	59763	49.566	ug/l	98
6) Chloroethane	2.82	64	59318	50.002	ug/l	96
7) Trichlorofluoromethane	3.15	101	125733	49.662	ug/l	99
8) Diethyl Ether	3.55	74	54036	50.390	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	83116	50.037	ug/l	99
10) Methyl Iodide	4.12	142	97801	49.515	ug/l	99
11) Tert butyl alcohol	4.99	59	46554	229.891	ug/l	99
12) 1,1-Dichloroethene	3.90	96	84779	50.263	ug/l	99
13) Acrolein	3.76	56	72024	284.567	ug/l	100
14) Allyl chloride	4.51	41	158848	51.444	ug/l	100
15) Acrylonitrile	5.20	53	148008	263.332	ug/l	100
16) Acetone	3.97	43	128311	265.772	ug/l	98
17) Carbon Disulfide	4.22	76	274209	48.986	ug/l	99
18) Methyl Acetate	4.51	43	63709	50.818	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	245001	52.068	ug/l	98
20) Methylene Chloride	4.75	84	101284	50.748	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	99554	51.838	ug/l	98
22) Diisopropyl ether	6.15	45	333400	52.760	ug/l	98
23) Vinyl Acetate	6.10	43	1095219	264.309	ug/l	100
24) 1,1-Dichloroethane	6.05	63	175024	52.093	ug/l	97
25) 2-Butanone	7.02	43	195605	263.860	ug/l	96
26) 2,2-Dichloropropane	7.01	77	144256	52.132	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	110217	52.166	ug/l	99
28) Bromochloromethane	7.36	49	81120	52.885	ug/l	100
29) Tetrahydrofuran	7.38	42	126913	261.118	ug/l	99
30) Chloroform	7.54	83	166015	52.129	ug/l	99
31) Cyclohexane	7.81	56	174361	48.702	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	137943	51.878	ug/l	99
36) 1,1-Dichloropropene	7.94	75	136750	51.148	ug/l	99
37) Ethyl Acetate	7.10	43	83579	51.730	ug/l	98
38) Carbon Tetrachloride	7.93	117	121320	53.484	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002182.D
 Acq On : 02 Apr 2020 11:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 4/3/2020 5:53:07 PM

Quant Time: Apr 03 03:34:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	179194	51.096	ug/l	99
40) Benzene	8.19	78	410968	51.893	ug/l	99
41) Methacrylonitrile	7.35	41	39377m	48.182	ug/l	
42) 1,2-Dichloroethane	8.26	62	109330	51.998	ug/l	100
43) Isopropyl Acetate	8.30	43	156347	52.137	ug/l	100
44) Trichloroethene	8.96	130	100713	52.756	ug/l	98
45) 1,2-Dichloropropane	9.24	63	106468	52.798	ug/l	99
46) Dibromomethane	9.32	93	55186	53.289	ug/l	98
47) Bromodichloromethane	9.52	83	128973	53.498	ug/l	100
48) Methyl methacrylate	9.31	41	69849	51.977	ug/l	99
49) 1,4-Dioxane	9.32	88	14235	1001.700	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	414387	268.364	ug/l	99
52) Toluene	10.26	92	252886	52.795	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	143004	53.443	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	169568	53.824	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	79426	51.821	ug/l	95
56) Ethyl methacrylate	10.52	69	119746	53.490	ug/l	98
57) 1,3-Dichloropropane	10.81	76	143404	52.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	306196	266.185	ug/l	99
59) 2-Hexanone	10.85	43	291078	267.607	ug/l	99
60) Dibromochloromethane	11.00	129	87373	54.477	ug/l	99
61) 1,2-Dibromoethane	11.11	107	77049	53.708	ug/l	98
64) Tetrachloroethene	10.74	164	86776	55.917	ug/l	98
65) Chlorobenzene	11.53	112	256720	52.432	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	88237	53.867	ug/l	99
67) Ethyl Benzene	11.61	91	486038	53.448	ug/l	99
68) m/p-Xylenes	11.72	106	359992	107.069	ug/l	99
69) o-Xylene	12.05	106	168588	52.858	ug/l	100
70) Styrene	12.06	104	296278	53.608	ug/l	99
71) Bromoform	12.22	173	49619	55.306	ug/l #	100
73) Isopropylbenzene	12.35	105	457810	52.971	ug/l	99
74) N-amyl acetate	12.16	43	141937	52.071	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.60	83	98161	52.781	ug/l	97
76) 1,2,3-Trichloropropane	12.65	75	75343m	57.811	ug/l	
77) Bromobenzene	12.63	156	98519	53.399	ug/l	100
78) n-propylbenzene	12.69	91	568741	53.028	ug/l	100
79) 2-Chlorotoluene	12.77	91	307435	52.206	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	380877	53.415	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	36682	54.529	ug/l	98
82) 4-Chlorotoluene	12.87	91	327976	52.853	ug/l	99
83) tert-Butylbenzene	13.09	119	314260	52.799	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	379224	53.304	ug/l	100
85) sec-Butylbenzene	13.27	105	466508	52.917	ug/l	100
86) p-Isopropyltoluene	13.38	119	404170	53.387	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	187540	51.960	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	191787	52.805	ug/l	100
89) n-Butylbenzene	13.71	91	411623	52.184	ug/l	99
90) Hexachloroethane	13.97	117	77269	54.165	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	174809	52.446	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	15332	51.466	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
Data File : VY002182.D
Acq On : 02 Apr 2020 11:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

sam
4/3/2020 5:53:07 PM

Quant Time: Apr 03 03:34:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	107909	50.229	ug/l	99
94) Hexachlorobutadiene	15.13	225	54651	51.535	ug/l	99
95) Naphthalene	15.25	128	259874	50.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	95365	48.951	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
Data File : VY002182.D
Acq On : 02 Apr 2020 11:09
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

sam
4/3/2020 5:53:07 PM

Quant Time: Apr 03 03:34:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration

