

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000070.D
 Acq On : 19 Sep 2019 12:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:30:33 AM

Quant Time: Sep 20 02:03:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	111617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	214672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	183531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	81719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	61816	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	7.72	113	59196	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
50) Toluene-d8	10.18	98	246099	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.48	95	86029	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	35878	46.248	ug/l	99
3) Chloromethane	2.11	50	45391	44.062	ug/l	93
4) Vinyl Chloride	2.25	62	51402	41.272	ug/l	93
5) Bromomethane	2.64	94	33614	42.816	ug/l	99
6) Chloroethane	2.79	64	35527	42.556	ug/l	94
7) Trichlorofluoromethane	3.12	101	74005	42.976	ug/l	88
8) Diethyl Ether	3.53	74	33436	45.348	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53719	45.471	ug/l	98
10) Methyl Iodide	4.09	142	57085	46.465	ug/l	98
11) Tert butyl alcohol	4.96	59	35282	231.755	ug/l	99
12) 1,1-Dichloroethene	3.87	96	47206	43.345	ug/l	94
13) Acrolein	3.73	56	12330	149.763	ug/l	93
14) Allyl chloride	4.48	41	76044	45.685	ug/l	99
15) Acrylonitrile	5.17	53	103149	233.298	ug/l	99
16) Acetone	3.95	43	68766	229.990	ug/l	87
17) Carbon Disulfide	4.19	76	86372	44.712	ug/l	100
18) Methyl Acetate	4.48	43	44627	44.675	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	162107	47.631	ug/l	97
20) Methylene Chloride	4.71	84	62432	44.387	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	52690	43.523	ug/l	98
22) Diisopropyl ether	6.12	45	178352	47.425	ug/l	97
23) Vinyl Acetate	6.06	43	611851	243.088	ug/l	95
24) 1,1-Dichloroethane	6.02	63	103008	46.277	ug/l	98
25) 2-Butanone	6.99	43	125055	230.917	ug/l	92
26) 2,2-Dichloropropane	6.99	77	90481	43.073	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	70909	46.261	ug/l	98
28) Bromochloromethane	7.34	49	52233	50.625	ug/l	95
29) Tetrahydrofuran	7.35	42	78339	240.961	ug/l	95
30) Chloroform	7.51	83	106837	46.510	ug/l	100
31) Cyclohexane	7.78	56	77241	48.794	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	87013	46.636	ug/l	98
36) 1,1-Dichloropropene	7.92	75	72289	45.035	ug/l	98
37) Ethyl Acetate	7.07	43	51353	47.996	ug/l	98
38) Carbon Tetrachloride	7.90	117	72071	47.573	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000070.D
 Acq On : 19 Sep 2019 12:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 5:30:33 AM

Quant Time: Sep 20 02:03:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	86929	44.043	ug/l	96
40) Benzene	8.16	78	240146	45.297	ug/l	97
41) Methacrylonitrile	7.32	41	25744m	34.159	ug/l	
42) 1,2-Dichloroethane	8.24	62	65342	46.530	ug/l	99
43) Isopropyl Acetate	8.27	43	100394	47.978	ug/l	98
44) Trichloroethene	8.94	130	62402	46.073	ug/l	96
45) 1,2-Dichloropropane	9.22	63	61595	44.850	ug/l	99
46) Dibromomethane	9.31	93	34213	45.608	ug/l	100
47) Bromodichloromethane	9.50	83	86296	47.407	ug/l	99
48) Methyl methacrylate	9.29	41	43908	47.712	ug/l	99
49) 1,4-Dioxane	9.29	88	12492	857.702	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	279013	244.215	ug/l	97
52) Toluene	10.24	92	154385	45.834	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	89012	46.119	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	104788	47.015	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	56514	48.053	ug/l	95
56) Ethyl methacrylate	10.51	69	79720	47.636	ug/l	97
57) 1,3-Dichloropropane	10.79	76	90317	45.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	228276	252.336	ug/l	99
59) 2-Hexanone	10.84	43	205697	252.369	ug/l	99
60) Dibromochloromethane	10.99	129	60225	48.880	ug/l	96
61) 1,2-Dibromoethane	11.09	107	51279	47.736	ug/l	97
64) Tetrachloroethene	10.72	164	54642	47.436	ug/l	97
65) Chlorobenzene	11.52	112	170194	46.882	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	60623	49.389	ug/l	97
67) Ethyl Benzene	11.59	91	298339	46.049	ug/l	99
68) m/p-Xylenes	11.70	106	230843	93.640	ug/l	97
69) o-Xylene	12.03	106	112780	47.248	ug/l	98
70) Styrene	12.04	104	200981	47.962	ug/l	99
71) Bromoform	12.21	173	36757	51.727	ug/l #	100
73) Isopropylbenzene	12.33	105	298823	45.374	ug/l	99
74) N-amyl acetate	12.15	43	91544	48.793	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	71549	46.153	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	46028m	40.032	ug/l	
77) Bromobenzene	12.60	156	65734	47.801	ug/l	96
78) n-propylbenzene	12.67	91	366981	45.682	ug/l	99
79) 2-Chlorotoluene	12.76	91	205791	45.822	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	248643	45.578	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26998	45.160	ug/l	92
82) 4-Chlorotoluene	12.85	91	216451	46.609	ug/l	100
83) tert-Butylbenzene	13.07	119	219180	46.960	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	248487	46.201	ug/l	98
85) sec-Butylbenzene	13.25	105	313541	45.469	ug/l	99
86) p-Isopropyltoluene	13.37	119	271875	46.513	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	128095	46.957	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	131389	47.932	ug/l	98
89) n-Butylbenzene	13.69	91	281359	46.791	ug/l	99
90) Hexachloroethane	13.96	117	55244	48.096	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	122114	47.646	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13677	49.551	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
Data File : VY000070.D
Acq On : 19 Sep 2019 12:05
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.00ml/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:30:33 AM

Quant Time: Sep 20 02:03:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	78815	50.963	ug/l	95
94) Hexachlorobutadiene	15.11	225	36355	48.962	ug/l	96
95) Naphthalene	15.24	128	204883	46.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	71303	48.311	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
Data File : VY000070.D
Acq On : 19 Sep 2019 12:05
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
9/24/2019 5:30:33 AM

Quant Time: Sep 20 02:03:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration

