

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002616.D
 Acq On : 06 May 2020 16:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:35:32 AM

Quant Time: May 07 06:33:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	383413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	572280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	512868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	263743	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	149701	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
35) Dibromofluoromethane	7.74	113	157147	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	10.19	98	616004	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.49	95	208001	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	151986	48.046	ug/l	98
3) Chloromethane	2.12	50	158779	51.114	ug/l	99
4) Vinyl Chloride	2.26	62	182446	50.865	ug/l	97
5) Bromomethane	2.66	94	124944	50.511	ug/l	99
6) Chloroethane	2.80	64	109741	51.240	ug/l	96
7) Trichlorofluoromethane	3.14	101	279523	50.282	ug/l	99
8) Diethyl Ether	3.55	74	98209	52.570	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	174260	51.289	ug/l	99
10) Methyl Iodide	4.11	142	245973	53.139	ug/l	98
11) Tert butyl alcohol	4.99	59	82373	248.355	ug/l	100
12) 1,1-Dichloroethene	3.89	96	169988	51.502	ug/l	97
13) Acrolein	3.75	56	46296	201.854	ug/l	97
14) Allyl chloride	4.50	41	253380	52.688	ug/l	98
15) Acrylonitrile	5.19	53	232430	263.831	ug/l	99
16) Acetone	3.97	43	175146	263.249	ug/l	99
17) Carbon Disulfide	4.21	76	517017	52.068	ug/l	100
18) Methyl Acetate	4.50	43	113353	50.991	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	446576	51.860	ug/l	100
20) Methylene Chloride	4.74	84	181354	48.744	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	187174	51.885	ug/l	97
22) Diisopropyl ether	6.14	45	505158	51.915	ug/l	97
23) Vinyl Acetate	6.09	43	1612519	263.506	ug/l	100
24) 1,1-Dichloroethane	6.05	63	299079	51.955	ug/l	99
25) 2-Butanone	7.01	43	284324	261.065	ug/l	98
26) 2,2-Dichloropropane	7.00	77	268955	49.153	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	204018	51.111	ug/l	99
28) Bromochloromethane	7.36	49	127387	54.010	ug/l	99
29) Tetrahydrofuran	7.37	42	193191	268.111	ug/l	100
30) Chloroform	7.53	83	304087	50.804	ug/l	99
31) Cyclohexane	7.80	56	286072	49.370	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	281971	50.684	ug/l	99
36) 1,1-Dichloropropene	7.94	75	246161	51.310	ug/l	100
37) Ethyl Acetate	7.10	43	131266	53.245	ug/l	99
38) Carbon Tetrachloride	7.92	117	263232	50.257	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002616.D
 Acq On : 06 May 2020 16:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:35:32 AM

Quant Time: May 07 06:33:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	327006	51.606	ug/l	99
40) Benzene	8.18	78	708602	51.140	ug/l	100
41) Methacrylonitrile	7.35	41	69425m	52.376	ug/l	
42) 1,2-Dichloroethane	8.26	62	190044	48.897	ug/l	99
43) Isopropyl Acetate	8.29	43	242891	52.554	ug/l	99
44) Trichloroethene	8.96	130	224112	51.755	ug/l	99
45) 1,2-Dichloropropane	9.23	63	171686	51.340	ug/l	100
46) Dibromomethane	9.32	93	96801	50.311	ug/l	99
47) Bromodichloromethane	9.51	83	235539	50.346	ug/l	99
48) Methyl methacrylate	9.31	41	113758	54.386	ug/l	98
49) 1,4-Dioxane	9.31	88	28690	1126.188	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	643487	270.120	ug/l	100
52) Toluene	10.25	92	457591	51.386	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	253186	51.651	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	290661	51.292	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	143464	51.131	ug/l	99
56) Ethyl methacrylate	10.52	69	198193	53.098	ug/l	99
57) 1,3-Dichloropropane	10.80	76	240376	50.518	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	503496	255.788	ug/l	99
59) 2-Hexanone	10.84	43	444948	271.374	ug/l	100
60) Dibromochloromethane	11.00	129	182788	51.221	ug/l	99
61) 1,2-Dibromoethane	11.10	107	142575	51.318	ug/l	99
64) Tetrachloroethene	10.73	164	243903	53.525	ug/l	98
65) Chlorobenzene	11.53	112	504189	51.714	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	186214	51.453	ug/l	100
67) Ethyl Benzene	11.60	91	885415	51.700	ug/l	99
68) m/p-Xylenes	11.71	106	682395	102.981	ug/l	99
69) o-Xylene	12.04	106	321292	51.784	ug/l	98
70) Styrene	12.05	104	555563	52.379	ug/l	99
71) Bromoform	12.22	173	118044	52.551	ug/l	100
73) Isopropylbenzene	12.34	105	877931	51.362	ug/l	100
74) N-amyl acetate	12.15	43	220591	53.648	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	135974	50.020	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	106362m	45.380	ug/l	
77) Bromobenzene	12.62	156	216139	50.612	ug/l	99
78) n-propylbenzene	12.68	91	1024538	51.650	ug/l	99
79) 2-Chlorotoluene	12.77	91	558516	50.831	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	733090	51.740	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	60514	51.772	ug/l	99
82) 4-Chlorotoluene	12.86	91	581288	50.363	ug/l	100
83) tert-Butylbenzene	13.08	119	653672	52.615	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	726050	51.417	ug/l	100
85) sec-Butylbenzene	13.27	105	890289	51.643	ug/l	100
86) p-Isopropyltoluene	13.38	119	827200	51.210	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	409805	50.702	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	407885	50.964	ug/l	100
89) n-Butylbenzene	13.70	91	761367	51.777	ug/l	100
90) Hexachloroethane	13.97	117	153612	52.220	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	366617	50.833	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	26242	51.787	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
Data File : VY002616.D
Acq On : 06 May 2020 16:17
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/7/2020 10:35:32 AM

Quant Time: May 07 06:33:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	266060	50.812	ug/l	100
94) Hexachlorobutadiene	15.12	225	159731	50.821	ug/l	99
95) Naphthalene	15.25	128	506960	53.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	227886	51.267	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
Data File : VY002616.D
Acq On : 06 May 2020 16:17
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/7/2020 10:35:32 AM

Quant Time: May 07 06:33:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

