

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : VY010779.D
 Acq On : 03 Oct 2022 20:14
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 04 07:36:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	244028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	391274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	357686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185837	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	130013	52.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.120%	
35) Dibromofluoromethane	7.716	113	122270	47.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.160%	
50) Toluene-d8	10.179	98	472810	53.229	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.460%	
62) 4-Bromofluorobenzene	12.483	95	163115	46.766	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	84344	49.890	ug/l	99
3) Chloromethane	2.113	50	137256	48.812	ug/l	96
4) Vinyl Chloride	2.247	62	166840	49.275	ug/l	99
5) Bromomethane	2.650	94	121606	50.615	ug/l	98
6) Chloroethane	2.790	64	115050	50.986	ug/l	100
7) Trichlorofluoromethane	3.125	101	202332	49.069	ug/l	94
8) Diethyl Ether	3.528	74	71595	53.971	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.900	101	117874	49.861	ug/l	94
10) Methyl Iodide	4.089	142	158042	50.010	ug/l	93
11) Tert butyl alcohol	4.942	59	66793	317.836	ug/l	99
12) 1,1-Dichloroethene	3.869	96	116017	50.286	ug/l	88
13) Acrolein	3.723	56	41797	244.806	ug/l	99
14) Allyl chloride	4.473	41	166577	48.232	ug/l #	93
15) Acrylonitrile	5.155	53	174720	270.360	ug/l	98
16) Acetone	3.942	43	129451	206.062	ug/l #	87
17) Carbon Disulfide	4.192	76	366643	49.175	ug/l	99
18) Methyl Acetate	4.473	43	82347	51.315	ug/l #	85
19) Methyl tert-butyl Ether	5.222	73	326700	54.093	ug/l	95
20) Methylene Chloride	4.710	84	147041	53.808	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	134406	49.890	ug/l	87
22) Diisopropyl ether	6.119	45	380844	50.280	ug/l #	92
23) Vinyl Acetate	6.058	43	1221703	266.275	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	228325	49.501	ug/l	99
25) 2-Butanone	6.984	43	221113	244.816	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	200534	45.801	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	153556	51.360	ug/l	88
28) Bromochloromethane	7.332	49	91274	53.120	ug/l #	82
29) Tetrahydrofuran	7.344	42	145596	274.130	ug/l #	83
30) Chloroform	7.503	83	242490	50.941	ug/l	100
31) Cyclohexane	7.783	56	203768	46.024	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	214887	50.111	ug/l	96
36) 1,1-Dichloropropene	7.917	75	183389	48.910	ug/l	98
37) Ethyl Acetate	7.070	43	99920	54.306	ug/l #	93
38) Carbon Tetrachloride	7.899	117	197227	50.503	ug/l	100
39) Methylcyclohexane	9.179	83	227305	49.354	ug/l	92
40) Benzene	8.161	78	537761	49.788	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : VY010779.D
 Acq On : 03 Oct 2022 20:14
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 04 07:36:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	53648m	49.791	ug/l	
42) 1,2-Dichloroethane	8.234	62	161013	52.730	ug/l	93
43) Isopropyl Acetate	8.271	43	180245	54.125	ug/l #	90
44) Trichloroethene	8.941	130	148608	50.815	ug/l	100
45) 1,2-Dichloropropane	9.216	63	132647	50.943	ug/l	97
46) Dibromomethane	9.307	93	80605	54.121	ug/l	97
47) Bromodichloromethane	9.496	83	188495	52.443	ug/l	100
48) Methyl methacrylate	9.289	41	83533	53.406	ug/l #	84
49) 1,4-Dioxane	9.295	88	21415	1168.059	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	516021	283.227	ug/l	89
52) Toluene	10.246	92	352037	51.213	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	195069	52.420	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	219243	51.449	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	110569	52.909	ug/l	98
56) Ethyl methacrylate	10.508	69	153687	57.237	ug/l #	80
57) 1,3-Dichloropropane	10.789	76	189456	53.322	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	378118	271.405	ug/l	94
59) 2-Hexanone	10.831	43	358224	283.886	ug/l	87
60) Dibromochloromethane	10.984	129	137017	54.684	ug/l	100
61) 1,2-Dibromoethane	11.087	107	107906	54.154	ug/l	100
64) Tetrachloroethene	10.721	164	145238	51.211	ug/l	98
65) Chlorobenzene	11.514	112	373501	50.424	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	140355	51.841	ug/l	98
67) Ethyl Benzene	11.593	91	672810	50.472	ug/l	99
68) m/p-Xylenes	11.703	106	534214	102.399	ug/l	94
69) o-Xylene	12.026	106	253480	51.968	ug/l	93
70) Styrene	12.044	104	436352	53.082	ug/l	95
71) Bromoform	12.209	173	88201	54.730	ug/l #	100
73) Isopropylbenzene	12.331	105	668496	48.931	ug/l	99
74) N-amyl acetate	12.142	43	169765	54.068	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	127450	49.932	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	102075m	54.239	ug/l	
77) Bromobenzene	12.611	156	156489	49.932	ug/l	96
78) n-propylbenzene	12.672	91	804451	48.348	ug/l	99
79) 2-Chlorotoluene	12.758	91	453798	48.749	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	572779	49.569	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	45794	50.830	ug/l	89
82) 4-Chlorotoluene	12.855	91	479721	49.284	ug/l	99
83) tert-Butylbenzene	13.075	119	488116	49.549	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	572121	50.360	ug/l	98
85) sec-Butylbenzene	13.252	105	726732	49.008	ug/l	100
86) p-Isopropyltoluene	13.367	119	627283	50.420	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	317327	49.885	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	315290	50.056	ug/l	99
89) n-Butylbenzene	13.697	91	570583	49.839	ug/l	99
90) Hexachloroethane	13.959	117	112516	47.281	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	283195	51.077	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21268	51.817	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	169536	52.114	ug/l	99
94) Hexachlorobutadiene	15.111	225	98308	49.012	ug/l	98
95) Naphthalene	15.233	128	356456	57.491	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	149847	54.034	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
Data File : VY010779.D
Acq On : 03 Oct 2022 20:14
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 04 07:36:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

