

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003161.D
 Acq On : 10 Jul 2020 13:02
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 10:47:42 AM

Quant Time: Jul 10 13:17:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 12:43:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	499024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	711888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	649589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	328748	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	568809	119.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	238.78%	
35) Dibromofluoromethane	7.72	113	572023	132.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	264.32%	
50) Toluene-d8	10.18	98	2060673	128.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	256.72%	
62) 4-Bromofluorobenzene	12.48	95	731484	129.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	258.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	462634	126.410	ug/l	98
3) Chloromethane	2.12	50	633576	116.479	ug/l	100
4) Vinyl Chloride	2.26	62	712154	134.932	ug/l	97
5) Bromomethane	2.63	94	549372	151.182	ug/l	99
6) Chloroethane	2.79	64	475947	140.759	ug/l	99
7) Trichlorofluoromethane	3.13	101	1017392	136.354	ug/l	100
8) Diethyl Ether	3.53	74	346576	135.666	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	628871	140.631	ug/l	100
10) Methyl Iodide	4.10	142	798904	146.399	ug/l	100
11) Tert butyl alcohol	4.97	59	300765	616.000	ug/l	99
12) 1,1-Dichloroethene	3.88	96	596903	140.292	ug/l	99
13) Acrolein	3.74	56	252716	573.747	ug/l	99
14) Allyl chloride	4.49	41	928610	127.403	ug/l	99
15) Acrylonitrile	5.18	53	860231	661.159	ug/l	100
16) Acetone	3.95	43	663284	595.290	ug/l	96
17) Carbon Disulfide	4.20	76	1839884	136.138	ug/l	99
18) Methyl Acetate	4.48	43	376032	124.205	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	1706795	138.627	ug/l	97
20) Methylene Chloride	4.72	84	643344	100.007	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	680080	140.708	ug/l	95
22) Diisopropyl ether	6.13	45	2075213	132.069	ug/l	98
23) Vinyl Acetate	6.07	43	6995986	669.041	ug/l	99
24) 1,1-Dichloroethane	6.02	63	1168909	135.215	ug/l	100
25) 2-Butanone	6.99	43	1146127	643.625	ug/l	98
26) 2,2-Dichloropropane	6.99	77	1044689	133.061	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	760138	140.510	ug/l	99
28) Bromochloromethane	7.34	49	487717	128.541	ug/l	100
29) Tetrahydrofuran	7.35	42	773959	652.415	ug/l	99
30) Chloroform	7.52	83	1178664	137.008	ug/l	100
31) Cyclohexane	7.78	56	1062162	124.843	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	1080194	137.840	ug/l	99
36) 1,1-Dichloropropene	7.93	75	946689	140.380	ug/l	100
37) Ethyl Acetate	7.08	43	527502	132.789	ug/l	98
38) Carbon Tetrachloride	7.91	117	993007	141.475	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003161.D
 Acq On : 10 Jul 2020 13:02
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 10:47:42 AM

Quant Time: Jul 10 13:17:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 12:43:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	1208230	144.514	ug/l	98
40) Benzene	8.16	78	2620718	141.881	ug/l	96
41) Methacrylonitrile	7.33	41	271546m	128.275	ug/l	
42) 1,2-Dichloroethane	8.24	62	790583	136.219	ug/l	100
43) Isopropyl Acetate	8.28	43	1007309	133.316	ug/l	99
44) Trichloroethene	8.94	130	788002	145.532	ug/l	98
45) 1,2-Dichloropropane	9.22	63	677274	136.886	ug/l	100
46) Dibromomethane	9.31	93	394189	141.799	ug/l	100
47) Bromodichloromethane	9.50	83	954696	140.932	ug/l	99
48) Methyl methacrylate	9.30	41	465158	135.244	ug/l	98
49) 1,4-Dioxane	9.30	88	104912	3055.938	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	2628564	671.741	ug/l	100
52) Toluene	10.24	92	1692681	145.068	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	1004993	141.742	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	1142623	140.914	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	559099	145.248	ug/l	98
56) Ethyl methacrylate	10.51	69	805682	145.420	ug/l	99
57) 1,3-Dichloropropane	10.79	76	943741	139.556	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	1975736	703.396	ug/l	99
59) 2-Hexanone	10.83	43	1831025	670.262	ug/l	100
60) Dibromochloromethane	10.99	129	714430	144.675	ug/l	99
61) 1,2-Dibromoethane	11.09	107	548354	143.939	ug/l	99
64) Tetrachloroethene	10.72	164	839513	153.361	ug/l	99
65) Chlorobenzene	11.52	112	1846609	145.911	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	738154	149.881	ug/l	100
67) Ethyl Benzene	11.59	91	3416352	147.886	ug/l	100
68) m/p-Xylenes	11.70	106	2575451	299.706	ug/l	100
69) o-Xylene	12.03	106	1206956	148.915	ug/l	99
70) Styrene	12.04	104	2105186	151.986	ug/l	100
71) Bromoform	12.20	173	480538	146.845	ug/l	100
73) Isopropylbenzene	12.33	105	3268006	153.599	ug/l	100
74) N-amyl acetate	12.14	43	929755	137.496	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	609216	143.055	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	434158m	137.376	ug/l	
77) Bromobenzene	12.61	156	823552	151.144	ug/l	99
78) n-propylbenzene	12.67	91	3807910	149.182	ug/l	100
79) 2-Chlorotoluene	12.75	91	2106379	147.877	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	2680461	150.312	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	239307	147.163	ug/l	96
82) 4-Chlorotoluene	12.85	91	2200077	148.433	ug/l	99
83) tert-Butylbenzene	13.07	119	2367599	151.048	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	2685905	149.422	ug/l	98
85) sec-Butylbenzene	13.25	105	3184471	147.566	ug/l	100
86) p-Isopropyltoluene	13.37	119	3045396	152.107	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1544676	151.802	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	1474743	147.006	ug/l	99
89) n-Butylbenzene	13.69	91	2786280	145.850	ug/l	100
90) Hexachloroethane	13.96	117	571459	145.307	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	1313929	144.547	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	93675	127.064	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
Data File : VY003161.D
Acq On : 10 Jul 2020 13:02
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
7/13/2020 10:47:42 AM

Quant Time: Jul 10 13:17:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 12:43:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	913169	136.107	ug/l	99
94) Hexachlorobutadiene	15.11	225	615238	143.673	ug/l	99
95) Naphthalene	15.23	128	1567063	130.413	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	725416	126.767	ug/l	99

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

