

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012207.D
 Acq On : 16 Jan 2023 18:18
 Operator : KP/MD
 Sample : 01160-01
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-04-SB02

Quant Time: Jan 17 04:50:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	171587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	277135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	98156	70.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.280%	
35) Dibromofluoromethane	7.722	113	81557	55.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.179	98	321526	64.494	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 128.980%	
62) 4-Bromofluorobenzene	12.483	95	99123	47.917	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.840%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	20	0.013	ug/l #	41
3) Chloromethane	2.113	50	258	0.186	ug/l #	41
4) Vinyl Chloride	2.339	62	64	0.040	ug/l #	43
16) Acetone	3.954	43	13937	29.170	ug/l	97
17) Carbon Disulfide	4.198	76	63405	13.007	ug/l	100
40) Benzene	8.149	78	109	0.015	ug/l #	52
42) 1,2-Dichloroethane	8.234	62	253	0.110	ug/l #	73
43) Isopropyl Acetate	8.386	43	27	0.013	ug/l #	51
52) Toluene	10.240	92	558	0.116	ug/l	92
53) t-1,3-Dichloropropene	10.185	75	19	0.007	ug/l #	1
54) cis-1,3-Dichloropropene	10.185	75	19	0.007	ug/l #	1
55) 1,1,2-Trichloroethane	10.496	97	41	0.029	ug/l #	16
59) 2-Hexanone	10.837	43	53	0.064	ug/l #	23
65) Chlorobenzene	11.520	112	101	0.020	ug/l #	48
67) Ethyl Benzene	11.593	91	293	0.032	ug/l #	84
68) m/p-Xylenes	11.703	106	285	0.079	ug/l #	72
69) o-Xylene	12.038	106	120	0.035	ug/l	68
70) Styrene	12.050	104	190	0.033	ug/l #	45
73) Isopropylbenzene	12.331	105	207	0.027	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.483	83	110	0.090	ug/l #	1
77) Bromobenzene	12.611	156	123	0.066	ug/l	77
78) n-propylbenzene	12.672	91	358	0.040	ug/l #	52
79) 2-Chlorotoluene	12.758	91	277	0.054	ug/l #	69
80) 1,3,5-Trimethylbenzene	12.819	105	249	0.037	ug/l	72
82) 4-Chlorotoluene	12.861	91	336	0.063	ug/l #	41
83) tert-Butylbenzene	13.075	119	151	0.026	ug/l #	52
84) 1,2,4-Trimethylbenzene	13.123	105	501	0.076	ug/l #	59
85) sec-Butylbenzene	13.258	105	364	0.044	ug/l #	56
86) p-Isopropyltoluene	13.367	119	319	0.044	ug/l #	82
87) 1,3-Dichlorobenzene	13.373	146	330	0.089	ug/l #	74
88) 1,4-Dichlorobenzene	13.453	146	465	0.126	ug/l #	12
89) n-Butylbenzene	13.703	91	382	0.061	ug/l	78
91) 1,2-Dichlorobenzene	13.733	146	291	0.088	ug/l	85
93) 1,2,4-Trichlorobenzene	15.013	180	308	0.146	ug/l	97
94) Hexachlorobutadiene	15.111	225	57	0.045	ug/l	94
95) Naphthalene	15.233	128	754	0.181	ug/l #	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.428	180	372	0.204	ug/l #	68

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

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