

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012523\
 Data File : VY012361.D
 Acq On : 25 Jan 2023 17:04
 Operator : KP/MD
 Sample : 01260-19RE
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-27RE

Quant Time: Jan 26 04:09:41 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	351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	193	67.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.460%	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 0.000%#	
50) Toluene-d8	10.185	98	1038	57.765	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.540%	
62) 4-Bromofluorobenzene	12.483	95	1076	145.461	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 290.920%#	
Target Compounds						Qvalue
16) Acetone	3.948	43	2135	2184.415	ug/l #	76
20) Methylene Chloride	4.722	84	7017	2028.620	ug/l #	82
25) 2-Butanone	6.978	43	2195	2034.269	ug/l #	88
30) Chloroform	7.515	83	226	34.734	ug/l #	64
43) Isopropyl Acetate	8.100	43	232	31.719	ug/l #	1
51) 4-Methyl-2-Pentanone	10.087	43	206	52.818	ug/l #	34
52) Toluene	10.246	92	342	19.956	ug/l	98
53) t-1,3-Dichloropropene	10.563	75	149	15.739	ug/l #	42
55) 1,1,2-Trichloroethane	10.581	97	237	46.394	ug/l #	16
56) Ethyl methacrylate	10.508	69	37	5.521	ug/l #	28
57) 1,3-Dichloropropane	10.947	76	201	24.093	ug/l #	42
59) 2-Hexanone	10.941	43	273	91.937	ug/l #	23
61) 1,2-Dibromoethane	10.947	107	47	9.535	ug/l #	2
65) Chlorobenzene	11.532	112	112	2.734	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.313	131	72	4.657	ug/l #	1
67) Ethyl Benzene	11.593	91	104	1.421	ug/l #	43
68) m/p-Xylenes	11.715	106	76	2.626	ug/l #	1
70) Styrene	12.038	104	173	3.745	ug/l #	36
76) 1,2,3-Trichloropropane	12.489	75	605	29.125	ug/l #	100
78) n-propylbenzene	12.678	91	247	1.296	ug/l #	52
79) 2-Chlorotoluene	12.855	91	166	1.540	ug/l	89
80) 1,3,5-Trimethylbenzene	12.818	105	195	1.377	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.489	75	605	60.011	ug/l #	13
82) 4-Chlorotoluene	12.855	91	166	1.466	ug/l	89
83) tert-Butylbenzene	13.081	119	143	1.159	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.123	105	324	2.320	ug/l #	59
85) sec-Butylbenzene	13.257	105	238	1.354	ug/l #	56
86) p-Isopropyltoluene	13.367	119	241	1.570	ug/l #	72
87) 1,3-Dichlorobenzene	13.440	146	278	3.566	ug/l	87
88) 1,4-Dichlorobenzene	13.440	146	278	3.576	ug/l	87
89) n-Butylbenzene	13.709	91	220	1.654	ug/l #	78
91) 1,2-Dichlorobenzene	13.751	146	150	2.156	ug/l #	74
93) 1,2,4-Trichlorobenzene	15.013	180	117	2.625	ug/l #	1
94) Hexachlorobutadiene	15.111	225	99	3.689	ug/l #	18
95) Naphthalene	15.233	128	629	7.150	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.422	180	225	5.866	ug/l #	52

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

