

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016174.D
 Acq On : 01 Nov 2023 17:23
 Operator : SY/MD
 Sample : 05102-03
 Misc : 4.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 67S-SB02-2628

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/02/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023

Quant Time: Nov 02 02:29:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	118356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	197980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	152940	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	107997	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	67448	60.901	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.800%			
35) Dibromofluoromethane	7.734	113	56537	47.901	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.800%			
50) Toluene-d8	10.197	98	592312	126.572	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 253.140%#			
62) 4-Bromofluorobenzene	12.495	95	312670	195.395	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 390.800%#			
Target Compounds					Qvalue	
4) Vinyl Chloride	2.253	62	5341	4.951	ug/l	97
8) Diethyl Ether	3.540	74	7266	13.460	ug/l	84
16) Acetone	3.954	43	122395	728.867	ug/l	# 87
17) Carbon Disulfide	4.210	76	60856	26.028	ug/l	97
25) 2-Butanone	7.008	43	78981	258.490	ug/l	# 76
27) cis-1,2-Dichloroethene	7.002	96	35588	27.721	ug/l	81
31) Cyclohexane	7.801	56	4657141	2735.505	ug/l	# 94
39) Methylcyclohexane	9.203	83	6263620	3078.830	ug/l	# 76
40) Benzene	8.179	78	14333492	2929.396	ug/l	93
52) Toluene	10.264	92	21691449	6841.364	ug/l	# 1
64) Tetrachloroethene	10.740	164	24122	17.732	ug/l	96
65) Chlorobenzene	11.538	112	13659270	4495.310	ug/l	93
67) Ethyl Benzene	11.599	91	44099985m	8114.350	ug/l	
68) m/p-Xylenes	11.788	106	37787063m	17992.973	ug/l	
69) o-Xylene	12.062	106	17769943	8862.182	ug/l	# 1
73) Isopropylbenzene	12.349	105	15281902	1886.396	ug/l	90
78) n-propylbenzene	12.684	91	24447779m	2552.580	ug/l	
80) 1,3,5-Trimethylbenzene	12.837	105	18278995	2785.040	ug/l	77
84) 1,2,4-Trimethylbenzene	13.129	105	28936383m	4455.612	ug/l	
85) sec-Butylbenzene	13.270	105	4758410	552.068	ug/l	# 58
86) p-Isopropyltoluene	13.385	119	3098917	433.803	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	403757	112.604	ug/l	# 77
89) n-Butylbenzene	13.709	91	4612993	702.788	ug/l	# 76
91) 1,2-Dichlorobenzene	13.757	146	8722282	2782.661	ug/l	95
95) Naphthalene	15.245	128	1608220	427.892	ug/l	99

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

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