

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016168.D
 Acq On : 01 Nov 2023 15:03
 Operator : SY/MD
 Sample : 05102-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 67S-SB07-1418

Manual Integrations
 APPROVED

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

Quant Time: Nov 02 02:26:05 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	7.795	168	28307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	49613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	54657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	33294	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	27508	103.852	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 207.700%#			
35) Dibromofluoromethane	7.728	113	16107	54.456	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.920%			
50) Toluene-d8	10.197	98	72696	61.990	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 123.980%			
62) 4-Bromofluorobenzene	12.489	95	30039	74.910	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 149.820%#			
Target Compounds						
						Qvalue
8) Diethyl Ether	3.534	74	37575	291.033	ug/l	97
16) Acetone	3.985	43	23297	575.854	ug/l	94
17) Carbon Disulfide	4.192	76	6304	11.273	ug/l #	92
20) Methylene Chloride	4.716	84	8178	29.081	ug/l #	89
25) 2-Butanone	7.008	43	27348	374.235	ug/l	90
27) cis-1,2-Dichloroethene	6.990	96	3391	11.044	ug/l	86
30) Chloroform	7.514	83	1826	3.616	ug/l	93
31) Cyclohexane	7.795	56	195986	481.326	ug/l	90
39) Methylcyclohexane	9.191	83	122944	241.153	ug/l	95
40) Benzene	8.167	78	660629	538.778	ug/l	99
42) 1,2-Dichloroethane	8.246	62	8911	26.042	ug/l	88
51) 4-Methyl-2-Pentanone	10.093	43	66903	356.333	ug/l	91
52) Toluene	10.264	92	29025589	36530.955	ug/l #	1
57) 1,3-Dichloropropane	10.800	76	8342	20.819	ug/l	90
65) Chlorobenzene	11.526	112	133122	122.591	ug/l	99
67) Ethyl Benzene	11.593	91	25747497m	13256.400	ug/l	
68) m/p-Xylenes	11.721	106	18399325	24515.287	ug/l #	1
69) o-Xylene	12.044	106	9380102	13089.935	ug/l	78
73) Isopropylbenzene	12.343	105	510129	204.259	ug/l	100
78) n-propylbenzene	12.684	91	601382	203.674	ug/l #	53
80) 1,3,5-Trimethylbenzene	12.739	105	39538597m	19540.969	ug/l	
84) 1,2,4-Trimethylbenzene	13.129	105	2794427	1395.730	ug/l	97
85) sec-Butylbenzene	13.263	105	97170	36.569	ug/l #	62
86) p-Isopropyltoluene	13.379	119	125625	57.043	ug/l	99
89) n-Butylbenzene	13.702	91	209007	103.288	ug/l #	64
91) 1,2-Dichlorobenzene	13.751	146	97366	100.759	ug/l	93
95) Naphthalene	15.245	128	1901862	1641.395	ug/l	99

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

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