

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006047.D
 Acq On : 16 Sep 2021 14:57
 Operator : SY/MD
 Sample : M3733-10RE
 Misc : 7.31G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-02-(8-10)-END-POINTRE

Manual Integrations
 APPROVED

MMDadoda
 9/17/2021 2:30:48 PM

Quant Time: Sep 17 02:45:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	151440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	280109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	291747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108257	51.463	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.920%	
35) Dibromofluoromethane	7.722	113	83003	47.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.420%	
50) Toluene-d8	10.185	98	389654	52.549	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.100%	
62) 4-Bromofluorobenzene	12.477	95	285742	113.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 227.000%#	
Target Compounds						Qvalue
4) Vinyl Chloride	2.259	62	521896	232.351	ug/l	99
12) 1,1-Dichloroethene	3.881	96	4687	3.100	ug/l	98
16) Acetone	3.960	43	12955	22.453	ug/l	96
17) Carbon Disulfide	4.204	76	14139	2.800	ug/l	98
18) Methyl Acetate	4.485	43	1954	1.344	ug/l #	74
21) trans-1,2-Dichloroethene	5.228	96	45337	26.739	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	16871465	8918.960	ug/l	81
39) Methylcyclohexane	9.185	83	47844	12.768	ug/l	99
44) Trichloroethene	8.947	130	2095562	969.943	ug/l	91
52) Toluene	10.246	92	10484	1.962	ug/l	96
64) Tetrachloroethene	10.721	164	6353419	2662.547	ug/l	96
67) Ethyl Benzene	11.593	91	19975	1.683	ug/l	96
73) Isopropylbenzene	12.331	105	107831	8.800	ug/l	98
78) n-propylbenzene	12.672	91	87834	5.793	ug/l	87
80) 1,3,5-Trimethylbenzene	12.812	105	15603	1.535	ug/l	91
83) tert-Butylbenzene	13.074	119	64414	7.411	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	73878	7.327	ug/l	100
85) sec-Butylbenzene	13.257	105	258618	19.876	ug/l #	61
86) p-Isopropyltoluene	13.373	119	15820m	1.424	ug/l	
89) n-Butylbenzene	13.696	91	39373m	3.790	ug/l	

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

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