

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060921\
 Data File : BN014857.D
 Acq On : 09 Jun 2021 17:40
 Operator : CG/JU
 Sample : M2214-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 PT-BNA-SOIL

Manual Integrations
 APPROVED

mohammad
 6/11/2021 1:27:17 PM

Quant Time: Jun 09 18:09:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN060921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 09 16:35:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2344	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	10002	0.400	ng	# 0.01
13) Acenaphthene-d10	14.346	164	6467	0.400	ng	0.00
19) Phenanthrene-d10	17.104	188	14735	0.400	ng	# 0.01
29) Chrysene-d12	21.313	240	13887	0.400	ng	# 0.01
35) Perylene-d12	23.585	264	20372	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.329	112	485295	76.698	ng	0.00
5) Phenol-d6	6.906	99	541471	73.498	ng	0.02
8) Nitrobenzene-d5	8.861	82	562741	68.110	ng	0.00
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	15.856	330	295452	108.883	ng	0.01
15) 2-Fluorobiphenyl	12.975	172	999701	40.893	ng	0.01
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	19.754	244	1499170	43.635	ng	0.00
Target Compounds						
						Qvalue
6) bis(2-Chloroethyl)ether	7.145	93	424421	76.019	ng	97
9) Naphthalene	10.547	128	1301338	47.518	ng	99
10) Hexachlorobutadiene	10.838	225	399805	50.071	ng	# 98
12) 2-Methylnaphthalene	12.164	142	867726	45.015	ng	97
16) Acenaphthylene	14.067	152	828837	30.740	ng	100
17) Acenaphthene	14.422	154	839184	45.996	ng	98
18) Fluorene	15.424	166	1078338	46.205	ng	100
21) 4-Bromophenyl-phenylether	16.300	248	434362	41.413	ng	# 63
25) Phenanthrene	17.152	178	1351405	32.281	ng	99
26) Anthracene	17.237	178	1057341	28.521	ng	99
28) Fluoranthene	19.193	202	2823355	53.283	ng	99
30) Pyrene	19.555	202	2569193	62.147	ng	98
32) Benzo(a)anthracene	21.303	228	1759148	44.544	ng	98
34) Bis(2-ethylhexyl)phtha...	21.239	149	1896156	155.419	ng	96
36) Indeno(1,2,3-cd)pyrene	25.840	276	950	0.105	ng	# 82
37) Benzo(b)fluoranthene	22.948	252	2992970m	46.041	ng	
38) Benzo(k)fluoranthene	22.982	252	3313076m	42.795	ng	
39) Benzo(a)pyrene	23.523	252	3846852	62.429	ng	# 95

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

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