

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
 Data File : BN031460.D
 Acq On : 10 May 2024 11:57
 Operator : MA/JU
 Sample : P2252-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-BNA-SOIL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 10 12:45:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	14152	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	45725	0.400	ng	# 0.00
13) Acenaphthene-d10	14.349	164	25979	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	58759	0.400	ng	0.00
29) Chrysene-d12	21.274	240	53124	0.400	ng	0.00
35) Perylene-d12	23.522	264	50574	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	3355655	83.484	ng	0.00
5) Phenol-d6	6.873	99	4760344	87.867	ng	0.00
8) Nitrobenzene-d5	8.862	82	2415410	73.603	ng	0.00
11) 2-Methylnaphthalene-d10	12.104	152	7	0.000	ng	0.01
14) 2,4,6-Tribromophenol	15.837	330	1334941	135.403	ng	0.00
15) 2-Fluorobiphenyl	12.981	172	5777483	57.681	ng	0.00
27) Fluoranthene-d10	19.119	212	8	0.000	ng	0.00
31) Terphenyl-d14	19.737	244	6173393	47.495	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.549	128	9762	0.077	ng	98
10) Hexachlorobutadiene	10.838	225	1771118	79.464	ng	# 98
12) 2-Methylnaphthalene	12.164	142	1977504	22.817	ng	97
16) Acenaphthylene	14.060	152	4613710	35.297	ng	99
17) Acenaphthene	14.413	154	2112689	25.921	ng	99
18) Fluorene	15.407	166	10157325	95.258	ng	96
21) 4-Bromophenyl-phenylether	16.296	248	2997280	87.082	ng	97
24) Pentachlorophenol	16.731	266	1098905	89.605	ng	98
26) Anthracene	17.227	178	7263329	44.624	ng	99
28) Fluoranthene	19.156	202	6107245	30.570	ng	98
30) Pyrene	19.514	202	19995m	0.093	ng	
32) Benzo(a)anthracene	21.265	228	9816m	0.048	ng	
33) Chrysene	21.310	228	22270	0.114	ng	99
34) Bis(2-ethylhexyl)phtha...	21.220	149	43942	0.366	ng	99
36) Indeno(1,2,3-cd)pyrene	25.808	276	6399837	31.751	ng	# 70
38) Benzo(k)fluoranthene	22.902	252	8587160	49.973	ng	97
39) Benzo(a)pyrene	23.429	252	4713639	29.864	ng	97
40) Dibenzo(a,h)anthracene	25.841	278	8990259	56.276	ng	99
41) Benzo(g,h,i)perylene	26.507	276	6352446	36.968	ng	99

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

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