

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027135.D
 Acq On : 26 Aug 2023 01:17
 Operator : MA/JU
 Sample : 04025-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20230814

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023

Quant Time: Aug 26 02:19:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	6523	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	14985	0.400	ng	# 0.00
13) Acenaphthene-d10	14.704	164	10460	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	23695	0.400	ng	# 0.00
29) Chrysene-d12	21.632	240	20028	0.400	ng	0.00
35) Perylene-d12	24.165	264	19333	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.603	112	1712	0.093	ng	0.00
5) Phenol-d6	7.221	99	1108	0.049	ng	0.00
8) Nitrobenzene-d5	9.272	82	3004	0.237	ng	0.00
11) 2-Methylnaphthalene-d10	12.483	152	7196	0.302	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	1130	0.203	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	10669	0.275	ng	0.00
27) Fluoranthene-d10	19.476	212	22298	0.367	ng	0.00
31) Terphenyl-d14	20.062	244	17546	0.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.465	88	18654	2.659	ng	95
25) Phenanthrene	17.492	178	2453	0.036	ng	98
26) Anthracene	17.592	178	1863	0.029	ng	98
28) Fluoranthene	19.504	202	4403	0.055	ng	# 96
30) Pyrene	19.871	202	4532	0.059	ng	99
32) Benzo(a)anthracene	21.614	228	3803	0.053	ng	96
33) Chrysene	21.667	228	4133	0.057	ng	97
34) Bis(2-ethylhexyl)phtha...	21.488	149	3609	0.069	ng	96
36) Indeno(1,2,3-cd)pyrene	26.846	276	3865	0.049	ng	96
37) Benzo(b)fluoranthene	23.376	252	4291	0.066	ng	# 54
38) Benzo(k)fluoranthene	23.428	252	4343m	0.065	ng	
39) Benzo(a)pyrene	24.051	252	2974	0.046	ng	# 27
40) Dibenzo(a,h)anthracene	26.878	278	2870	0.046	ng	# 61
41) Benzo(g,h,i)perylene	27.685	276	3584	0.053	ng	# 82

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

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