

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027144.D
 Acq On : 26 Aug 2023 08:02
 Operator : MA/JU
 Sample : 04025-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20230814

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2023
 Supervised By :mohammad ahmed 08/28/2023

Quant Time: Aug 26 22:32:27 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	8.081	152	6951	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	14543	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	10887	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	25741	0.400	ng	0.00
29) Chrysene-d12	21.632	240	21314	0.400	ng	0.00
35) Perylene-d12	24.165	264	20441	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	2343	0.120	ng	0.00
5) Phenol-d6	7.221	99	1654	0.068	ng	0.00
8) Nitrobenzene-d5	9.273	82	4702	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	12.479	152	9545	0.413	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	1256	0.217	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	15001	0.371	ng	0.00
27) Fluoranthene-d10	19.472	212	27894	0.423	ng	0.00
31) Terphenyl-d14	20.057	244	24282	0.545	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	26912	3.600	ng	96
25) Phenanthrene	17.492	178	2683m	0.036	ng	
26) Anthracene	17.592	178	1801	0.026	ng	99
28) Fluoranthene	19.504	202	4259	0.049	ng	95
30) Pyrene	19.867	202	4331	0.053	ng	99
32) Benzo(a)anthracene	21.614	228	3507	0.046	ng	96
33) Chrysene	21.668	228	3894	0.050	ng	97
34) Bis(2-ethylhexyl)phtha...	21.489	149	4505	0.081	ng	98
36) Indeno(1,2,3-cd)pyrene	26.852	276	3491	0.042	ng	97
37) Benzo(b)fluoranthene	23.376	252	3900	0.057	ng	# 50
38) Benzo(k)fluoranthene	23.429	252	3591	0.051	ng	# 49
39) Benzo(a)pyrene	24.051	252	2991	0.044	ng	# 24
40) Dibenzo(a,h)anthracene	26.878	278	2601	0.039	ng	# 54
41) Benzo(g,h,i)perylene	27.685	276	3169	0.044	ng	# 78

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

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