

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080223\
 Data File : BN026792.D
 Acq On : 02 Aug 2023 11:03
 Operator : MA/JU
 Sample : 03775-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BUILDING-A-12-(0-5)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 00:44:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 00:35:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	10305	0.400	ng	# 0.00
7) Naphthalene-d8	10.949	136	35488	0.400	ng	# 0.00
13) Acenaphthene-d10	14.715	164	92099m	0.400	ng	-0.03
19) Phenanthrene-d10	17.505	188	80107m	0.400	ng	0.01
29) Chrysene-d12	21.659	240	137331m	0.400	ng	-0.02
35) Perylene-d12	24.288	264	317831m	0.400	ng	0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.625	112	5724	0.219	ng	0.00
5) Phenol-d6	7.235	99	5145	0.152	ng	0.00
8) Nitrobenzene-d5	9.294	82	4061	0.193	ng	-0.01
11) 2-Methylnaphthalene-d10	12.521	152	7709	0.152	ng	0.00
14) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
15) 2-Fluorobiphenyl	13.379	172	10953m	0.029	ng	0.00
27) Fluoranthene-d10	19.486	212	1084117m	5.636	ng	-0.03
31) Terphenyl-d14	20.104	244	61462m	0.215	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	11.002	128	15202418	155.785	ng	97
12) 2-Methylnaphthalene	12.600	142	7930517	119.070	ng	98
16) Acenaphthylene	14.480	152	13575700	29.819	ng	# 95
17) Acenaphthene	14.811	154	6997515m	24.500	ng	
18) Fluorene	15.804	166	12902955	34.706	ng	# 98
25) Phenanthrene	17.542	178	30141094m	123.888	ng	
26) Anthracene	17.641	178	18672878m	85.898	ng	
28) Fluoranthene	19.569	202	24362256m	89.931	ng	
30) Pyrene	19.932	202	31157141m	52.504	ng	
32) Benzo(a)anthracene	21.676	228	23665730m	50.183	ng	
33) Chrysene	21.748	228	20384411m	39.101	ng	
34) Bis(2-ethylhexyl)phtha...	21.560	149	150223m	0.961	ng	
36) Indeno(1,2,3-cd)pyrene	27.060	276	14083304m	10.859	ng	
37) Benzo(b)fluoranthene	23.504	252	25462188	20.360	ng	95
38) Benzo(k)fluoranthene	23.542	252	7782330m	6.057	ng	
39) Benzo(a)pyrene	24.197	252	25743248m	22.574	ng	
40) Dibenzo(a,h)anthracene	27.071	278	4695506m	4.661	ng	
41) Benzo(g,h,i)perylene	27.937	276	15332933	12.859	ng	96

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

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