

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
 Data File : BN028445.D
 Acq On : 03 Nov 2023 05:56
 Operator : MA/JU
 Sample : 05220-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 Z-6(5-10)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 06:35:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 06:26:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	11859	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	37953	0.400	ng	# 0.00
13) Acenaphthene-d10	14.374	164	22344	0.400	ng	0.01
19) Phenanthrene-d10	17.121	188	38185	0.400	ng	# 0.00
29) Chrysene-d12	21.346	240	25826	0.400	ng	# 0.02
35) Perylene-d12	23.669	264	39210	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	8021	0.259	ng	0.01
5) Phenol-d6	6.901	99	10192	0.260	ng	0.01
8) Nitrobenzene-d5	8.886	82	6678	0.272	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	13623	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.867	330	2504	0.287	ng	0.01
15) 2-Fluorobiphenyl	13.005	172	9100	0.343	ng	0.00
27) Fluoranthene-d10	19.171	212	16086	0.170	ng	0.01
31) Terphenyl-d14	19.775	244	20740	0.381	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.573	128	745239	7.275	ng	100
12) 2-Methylnaphthalene	12.193	142	140723	1.971	ng	99
16) Acenaphthylene	14.096	152	945647	8.569	ng	100
17) Acenaphthene	14.438	154	154497	2.208	ng	98
18) Fluorene	15.422	166	505139	5.305	ng	99
25) Phenanthrene	17.170	178	6503503	57.656	ng	99
26) Anthracene	17.257	178	2304423	21.395	ng	98
28) Fluoranthene	19.208	202	10172688	77.263	ng	97
30) Pyrene	19.570	202	9280271	86.151	ng	# 91
32) Benzo(a)anthracene	21.328	228	6237220	60.857	ng	93
33) Chrysene	21.382	228	5008708	49.061	ng	97
36) Indeno(1,2,3-cd)pyrene	26.084	276	4453081	28.826	ng	# 91
37) Benzo(b)fluoranthene	22.976	252	7647180	50.102	ng	97
38) Benzo(k)fluoranthene	23.017	252	2570099m	16.741	ng	
39) Benzo(a)pyrene	23.578	252	5951372	44.576	ng	96
40) Dibenzo(a,h)anthracene	26.090	278	1129198	9.006	ng	96
41) Benzo(g,h,i)perylene	26.824	276	4481961	33.379	ng	95

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

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