

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
 Data File : BN034839.D
 Acq On : 04 Nov 2024 14:55
 Operator : RC/JU
 Sample : P4652-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-50-20241030

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 04 15:32:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 30 13:28:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	6676	0.400	ng	-0.01
7) Naphthalene-d8	10.351	136	20196	0.400	ng	-0.02
13) Acenaphthene-d10	14.218	164	10306	0.400	ng	-0.01
19) Phenanthrene-d10	16.964	188	20231	0.400	ng	#-0.02
29) Chrysene-d12	21.167	240	12090	0.400	ng	-0.01
35) Perylene-d12	23.344	264	9717	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	4172	0.206	ng	-0.01
5) Phenol-d6	6.766	99	3682	0.140	ng	-0.01
8) Nitrobenzene-d5	8.717	82	6109	0.385	ng	-0.02
11) 2-Methylnaphthalene-d10	11.950	152	10186	0.348	ng	-0.02
14) 2,4,6-Tribromophenol	15.710	330	1295	0.254	ng	-0.02
15) 2-Fluorobiphenyl	12.839	172	15625	0.385	ng	-0.03
27) Fluoranthene-d10	19.003	212	20365	0.429	ng	-0.01
31) Terphenyl-d14	19.617	244	12757	0.491	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.191	88	59452	8.123	ng	95
6) bis(2-Chloroethyl)ether	7.019	93	1335	0.070	ng	# 47
25) Phenanthrene	17.001	178	1845	0.031	ng	98
26) Anthracene	17.101	178	1352	0.024	ng	99
28) Fluoranthene	19.036	202	2824	0.043	ng	95
30) Pyrene	19.398	202	1908	0.030	ng	99
32) Benzo(a)anthracene	21.149	228	1080	0.022	ng	91
33) Chrysene	21.203	228	1116m	0.024	ng	
34) Bis(2-ethylhexyl)phtha...	21.104	149	903	0.022	ng	# 93
36) Indeno(1,2,3-cd)pyrene	25.514	276	846	0.024	ng	99
37) Benzo(b)fluoranthene	22.695	252	1200	0.031	ng	# 5
38) Benzo(k)fluoranthene	22.736	252	1114	0.029	ng	# 1
40) Dibenzo(a,h)anthracene	25.531	278	575	0.021	ng	# 27
41) Benzo(g,h,i)perylene	26.177	276	668m	0.022	ng	

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

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