

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
 Data File : BN034840.D
 Acq On : 04 Nov 2024 15:31
 Operator : RC/JU
 Sample : P4652-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-50-20241030

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 16:08:30 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	6345	0.400	ng	-0.01
7) Naphthalene-d8	10.351	136	18925	0.400	ng	#-0.02
13) Acenaphthene-d10	14.222	164	9397	0.400	ng	-0.01
19) Phenanthrene-d10	16.970	188	18708	0.400	ng	-0.01
29) Chrysene-d12	21.160	240	10340	0.400	ng	#-0.02
35) Perylene-d12	23.338	264	7618	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	3693	0.192	ng	0.00
5) Phenol-d6	6.773	99	3236	0.130	ng	0.00
8) Nitrobenzene-d5	8.728	82	6185	0.416	ng	-0.01
11) 2-Methylnaphthalene-d10	11.950	152	10220	0.373	ng	-0.02
14) 2,4,6-Tribromophenol	15.716	330	1154	0.249	ng	-0.01
15) 2-Fluorobiphenyl	12.843	172	16254	0.439	ng	-0.02
27) Fluoranthene-d10	19.001	212	19026	0.434	ng	-0.01
31) Terphenyl-d14	19.614	244	11843	0.533	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.198	88	455	0.065	ng	# 1
18) Fluorene	15.270	166	851	0.022	ng	# 98
25) Phenanthrene	17.007	178	2106m	0.038	ng	
28) Fluoranthene	19.034	202	3736	0.062	ng	96
30) Pyrene	19.396	202	2579	0.048	ng	98
32) Benzo(a)anthracene	21.142	228	900	0.022	ng	# 89
33) Chrysene	21.196	228	921	0.023	ng	# 90
36) Indeno(1,2,3-cd)pyrene	25.513	276	750	0.027	ng	98
37) Benzo(b)fluoranthene	22.689	252	1336	0.044	ng	# 12
38) Benzo(k)fluoranthene	22.736	252	998	0.033	ng	# 2
41) Benzo(g,h,i)perylene	26.171	276	489	0.021	ng	# 38

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

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