

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
 Data File : BN037489.D
 Acq On : 14 Jul 2025 13:27
 Operator : RC/JU
 Sample : Q2580-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 WC-URBAN-FILL-B2

Quant Time: Jul 14 14:37:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 11 15:38:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	2071	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5897	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	4587	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	9509	0.400	ng	# 0.00
29) Chrysene-d12	21.295	240	11681	0.400	ng	0.00
35) Perylene-d12	23.531	264	9121	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1524	0.316	ng	0.00
5) Phenol-d6	6.887	99	1995	0.329	ng	0.00
8) Nitrobenzene-d5	8.864	82	1351	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2485	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	690	0.444	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	5409	0.207	ng	0.00
27) Fluoranthene-d10	19.136	212	7712	0.321	ng	0.00
31) Terphenyl-d14	19.736	244	8955	0.367	ng	0.00
Target Compounds						
9) Naphthalene	10.562	128	369633	23.329	ng	Qvalue 96
12) 2-Methylnaphthalene	12.177	142	69368	6.990	ng	98
16) Acenaphthylene	14.077	152	129106	6.173	ng	99
17) Acenaphthene	14.420	154	254222	18.114	ng	94
18) Fluorene	15.403	166	312082	17.698	ng	99
24) Pentachlorophenol	16.751	266	1405	0.498	ng	97
25) Phenanthrene	17.148	178	3314102	114.461	ng	99
26) Anthracene	17.235	178	1058519m	40.510	ng	
28) Fluoranthene	19.173	202	3564821	112.198	ng	99
30) Pyrene	19.531	202	3282425	69.895	ng	# 92
32) Benzo(a)anthracene	21.277	228	1590188	40.199	ng	97
33) Chrysene	21.331	228	1364959	31.567	ng	97
34) Bis(2-ethylhexyl)phtha...	21.223	149	7348	0.546	ng	95
36) Indeno(1,2,3-cd)pyrene	25.811	276	726238	20.514	ng	95
37) Benzo(b)fluoranthene	22.867	252	1442011m	40.654	ng	
38) Benzo(k)fluoranthene	22.905	252	551976m	15.352	ng	
39) Benzo(a)pyrene	23.440	252	1106039m	38.746	ng	
40) Dibenzo(a,h)anthracene	25.814	278	163248	5.717	ng	90
41) Benzo(g,h,i)perylene	26.504	276	803235	25.680	ng	93

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

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