Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
Data File : BN037492.D
Acq On : 14 Jul 2025 15:34
Operator : RC/JU
Sample : Q2580-02MSD 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
WC-URBAN-FILL-B2MSD

Quant Time: Jul 14 16:30:32 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	7.731	152	2101	0.400	ng	0.00
7) Naphthalene-d8	10.515	136	5450	0.400	ng	# 0.00
13) Acenaphthene-d10	14.362	164	2896	0.400	ng	0.00
19) Phenanthrene-d10	17.095	188	5508	0.400	ng	0.00
29) Chrysene-d12	21.286	240	5967	0.400	ng	# 0.00
35) Perylene-d12	23.523	264	6132	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	188	0.038	ng	0.00
5) Phenol-d6	6.886	99	241	0.039	ng	0.00
8) Nitrobenzene-d5	8.871	82	143	0.036	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	235m	0.032	ng	0.00
14) 2,4,6-Tribromophenol	15.841	330	50	0.051	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	499	0.030	ng	0.00
27) Fluoranthene-d10	19.128	212	496	0.036	ng	0.00
31) Terphenyl-d14	19.731	244	459	0.037	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	139	0.070	ng	# 57
3) n-Nitrosodimethylamine	3.549	42	93	0.035	ng	# 50
6) bis(2-Chloroethyl)ether	7.153	93	240	0.047	ng	89
9) Naphthalene	10.558	128	36750	2.510	ng	97
10) Hexachlorobutadiene	10.857	225	134	0.038	ng	# 99
12) 2-Methylnaphthalene	12.178	142	6632	0.723	ng	99
16) Acenaphthylene	14.073	152	14101	1.068	ng	100
17) Acenaphthene	14.415	154	20024	2.260	ng	95
18) Fluorene	15.410	166	23372	2.099	ng	98
20) 4,6-Dinitro-2-methylph...	15.474	198	27	0.044	ng	# 3
21) 4-Bromophenyl-phenylether	16.300	248	140	0.041	ng	# 83
22) Hexachlorobenzene	16.412	284	199	0.042	ng	97
23) Atrazine	16.561	200	104	0.061	ng	# 67
24) Pentachlorophenol	16.747	266	165	0.101	ng	98
25) Phenanthrene	17.144	178	263023	15.683	ng	100
26) Anthracene	17.231	178	73995m	4.889	ng	
28) Fluoranthene	19.160	202	292394	15.887	ng	99
30) Pyrene	19.522	202	261878	10.916	ng	# 95
32) Benzo(a)anthracene	21.268	228	131090	6.487	ng	99
33) Chrysene	21.313	228	115396	5.224	ng	99
34) Bis(2-ethylhexyl)phtha...	21.224	149	754	0.110	ng	93
36) Indeno(1,2,3-cd)pyrene	25.791	276	81186	3.411	ng	97
37) Benzo(b)fluoranthene	22.856	252	149886m	6.285	ng	
38) Benzo(k)fluoranthene	22.894	252	58149m	2.406	ng	
39) Benzo(a)pyrene	23.426	252	119682m	6.236	ng	
40) Dibenzo(a,h)anthracene	25.800	278	19031	0.991	ng	93
41) Benzo(g,h,i)perylene	26.481	276	91064	4.331	ng	93

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

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