Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037317.D
Acq On : 18 Jun 2025 16:31
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jun 18 18:33:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:27:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.567	152	695	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	1486	0.400	ng		0.00
13) Acenaphthene-d10	14.224	164	1057	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	2360	0.400	ng		0.00
29) Chrysene-d12	21.170	240	2368	0.400	ng		0.00
35) Perylene-d12	23.362	264	2466	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	2088	1.653	ng		0.00
5) Phenol-d6	6.751	99	2223	1.790	ng		0.00
8) Nitrobenzene-d5	8.717	82	2186	1.792	ng		-0.01
11) 2-Methylnaphthalene-d10	11.945	152	4143	1.715	ng		0.00
14) 2,4,6-Tribromophenol	15.717	330	1344	1.772	ng		0.00
15) 2-Fluorobiphenyl	12.837	172	8152	1.760	ng		0.00
27) Fluoranthene-d10	19.007	212	12185	1.629	ng		0.00
31) Terphenyl-d14	19.621	244	9448	1.739	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	956	1.541	ng		93
3) n-Nitrosodimethylamine	3.415	42	1177	1.637	ng	#	91
6) bis(2-Chloroethyl)ether	7.004	93	1980	1.862	ng		96
9) Naphthalene	10.393	128	6447	1.677	ng	#	88
10) Hexachlorobutadiene	10.682	225	3213	1.652	ng	#	99
12) 2-Methylnaphthalene	12.021	142	4770	1.761	ng		97
16) Acenaphthylene	13.935	152	7475	1.681	ng		99
17) Acenaphthene	14.277	154	4941	1.673	ng		97
18) Fluorene	15.271	166	7155	1.710	ng		98
20) 4,6-Dinitro-2-methylph...	15.367	198	1266	1.788	ng	#	44
21) 4-Bromophenyl-phenylether	16.177	248	3307	1.689	ng	#	92
22) Hexachlorobenzene	16.276	284	3343	1.629	ng		97
23) Atrazine	16.450	200	2600	1.698	ng	#	84
24) Pentachlorophenol	16.624	266	1931	1.700	ng		97
25) Phenanthrene	17.008	178	11198	1.685	ng		99
26) Anthracene	17.108	178	10558	1.694	ng		99
28) Fluoranthene	19.040	202	15227	1.650	ng		100
30) Pyrene	19.402	202	15172	1.682	ng		100
32) Benzo(a)anthracene	21.153	228	13531	1.774	ng		97
33) Chrysene	21.206	228	16061	1.650	ng		96
34) Bis(2-ethylhexyl)phtha...	21.099	149	4961	1.587	ng		98
36) Indeno(1,2,3-cd)pyrene	25.546	276	18197	1.755	ng	#	92
37) Benzo(b)fluoranthene	22.708	252	15222	1.767	ng	#	84
38) Benzo(k)fluoranthene	22.748	252	16052	1.697	ng	#	85
39) Benzo(a)pyrene	23.263	252	13538	1.697	ng	#	77
40) Dibenzo(a,h)anthracene	25.561	278	14773	1.790	ng	#	74
41) Benzo(g,h,i)perylene	26.207	276	16387	1.724	ng	#	92

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

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