Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112024\
Data File : BN035211.D
Acq On : 21 Nov 2024 00:13
Operator : RC/JU
Sample : PB165012BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165012BSD

Quant Time: Nov 21 00:37:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 20 23:40:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	2762	0.400	ng	0.00
7) Naphthalene-d8	10.298	136	6132	0.400	ng	0.00
13) Acenaphthene-d10	14.179	164	3470	0.400	ng	0.00
19) Phenanthrene-d10	16.933	188	6450	0.400	ng	# 0.00
29) Chrysene-d12	21.143	240	5694	0.400	ng	# 0.00
35) Perylene-d12	23.318	264	6280	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.170	112	2405	0.343	ng	0.00
5) Phenol-d6	6.723	99	2856	0.325	ng	0.00
8) Nitrobenzene-d5	8.675	82	2085	0.391	ng	0.00
11) 2-Methylnaphthalene-d10	11.897	152	5007	0.458	ng	0.00
14) 2,4,6-Tribromophenol	15.679	330	503	0.201	ng	0.00
15) 2-Fluorobiphenyl	12.790	172	6376	0.452	ng	0.00
27) Fluoranthene-d10	18.973	212	6754	0.342	ng	0.00
31) Terphenyl-d14	19.591	244	5035	0.421	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	887	0.354	ng	# 64
3) n-Nitrosodimethylamine	3.466	42	859	0.367	ng	# 83
6) bis(2-Chloroethyl)ether	6.976	93	2590	0.392	ng	100
9) Naphthalene	10.351	128	6386	0.399	ng	99
10) Hexachlorobutadiene	10.639	225	1882	0.401	ng	# 99
12) 2-Methylnaphthalene	11.973	142	4380	0.371	ng	99
16) Acenaphthylene	13.891	152	6071	0.409	ng	100
17) Acenaphthene	14.244	154	3946	0.406	ng	100
18) Fluorene	15.238	166	4962	0.347	ng	99
20) 4,6-Dinitro-2-methylph...	15.323	198	182	0.136	ng	# 33
21) 4-Bromophenyl-phenylether	16.138	248	1777	0.432	ng	97
22) Hexachlorobenzene	16.237	284	1938	0.454	ng	99
23) Atrazine	16.411	200	1201	0.326	ng	# 94
24) Pentachlorophenol	16.597	266	1126	0.565	ng	98
25) Phenanthrene	16.970	178	7202	0.424	ng	99
26) Anthracene	17.069	178	6666	0.428	ng	99
28) Fluoranthene	19.006	202	7753	0.332	ng	99
30) Pyrene	19.368	202	7932	0.418	ng	100
32) Benzo(a)anthracene	21.125	228	7858	0.396	ng	99
33) Chrysene	21.178	228	8418	0.429	ng	99
34) Bis(2-ethylhexyl)phtha...	21.089	149	3184	0.306	ng	99
36) Indeno(1,2,3-cd)pyrene	25.472	276	11403	0.455	ng	98
37) Benzo(b)fluoranthene	22.671	252	8937	0.423	ng	# 93
38) Benzo(k)fluoranthene	22.712	252	9272	0.439	ng	# 94
39) Benzo(a)pyrene	23.224	252	8267	0.445	ng	# 91
40) Dibenzo(a,h)anthracene	25.490	278	8996	0.453	ng	# 92
41) Benzo(g,h,i)perylene	26.127	276	9090	0.431	ng	97

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

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