Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010924\
Data File : BN029227.D
Acq On : 09 Jan 2024 14:32
Operator : MA/JU
Sample : PB158280BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158280BSD

Quant Time: Jan 09 15:38:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	793	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	1487	0.400	ng	0.00
13) Acenaphthene-d10	14.372	164	839	0.400	ng	0.00
19) Phenanthrene-d10	17.131	188	1260	0.400	ng	# 0.00
29) Chrysene-d12	21.349	240	379	0.400	ng	# 0.00
35) Perylene-d12	23.633	264	479	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	579	0.314	ng	0.00
5) Phenol-d6	6.937	99	666	0.322	ng	0.00
8) Nitrobenzene-d5	8.907	82	671	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.114	152	922	0.359	ng	0.00
14) 2,4,6-Tribromophenol	15.878	330	227	0.351	ng	0.00
15) 2-Fluorobiphenyl	13.004	172	1726	0.384	ng	0.00
27) Fluoranthene-d10	19.169	212	843	0.328	ng	0.00
31) Terphenyl-d14	19.791	244	450	0.383	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	254	0.353	ng	# 64
3) n-Nitrosodimethylamine	3.637	42	177	0.293	ng	# 78
6) bis(2-Chloroethyl)ether	7.183	93	438	0.310	ng	99
9) Naphthalene	10.562	128	1571	0.348	ng	99
10) Hexachlorobutadiene	10.829	225	513	0.399	ng	# 97
12) 2-Methylnaphthalene	12.185	142	1134	0.340	ng	96
16) Acenaphthylene	14.094	152	1953	0.355	ng	99
17) Acenaphthene	14.436	154	1184	0.347	ng	98
18) Fluorene	15.430	166	1631	0.331	ng	96
20) 4,6-Dinitro-2-methylph...	15.530	198	135	0.320	ng	# 80
21) 4-Bromophenyl-phenylether	16.337	248	421	0.386	ng	93
22) Hexachlorobenzene	16.411	284	547	0.428	ng	95
23) Atrazine	16.622	200	387	0.367	ng	96
24) Pentachlorophenol	16.784	266	277	0.334	ng	96
25) Phenanthrene	17.169	178	2132	0.382	ng	99
26) Anthracene	17.268	178	1971	0.362	ng	98
28) Fluoranthene	19.201	202	1664	0.333	ng	# 97
30) Pyrene	19.568	202	1667	0.437	ng	97
32) Benzo(a)anthracene	21.331	228	793	0.362	ng	99
33) Chrysene	21.385	228	832	0.380	ng	96
34) Bis(2-ethylhexyl)phtha...	21.277	149	1354	0.427	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.967	276	1258	0.379	ng	# 81
37) Benzo(b)fluoranthene	22.943	252	942	0.363	ng	96
38) Benzo(k)fluoranthene	22.990	252	984	0.392	ng	96
39) Benzo(a)pyrene	23.534	252	891	0.379	ng	94
40) Dibenzo(a,h)anthracene	25.999	278	915	0.360	ng	91
41) Benzo(g,h,i)perylene	26.683	276	1110	0.394	ng	99

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

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