Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010924\
Data File : BN029226.D
Acq On : 09 Jan 2024 13:56
Operator : MA/JU
Sample : PB158280BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158280BS

Quant Time: Jan 09 14:34:30 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	757	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	1416	0.400	ng	#-0.01
13) Acenaphthene-d10	14.372	164	865	0.400	ng	0.00
19) Phenanthrene-d10	17.131	188	1413	0.400	ng	0.00
29) Chrysene-d12	21.340	240	443	0.400	ng	# 0.00
35) Perylene-d12	23.630	264	532	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	557	0.316	ng	0.00
5) Phenol-d6	6.937	99	653	0.330	ng	0.00
8) Nitrobenzene-d5	8.907	82	668	0.376	ng	0.00
11) 2-Methylnaphthalene-d10	12.110	152	937	0.383	ng	-0.01
14) 2,4,6-Tribromophenol	15.878	330	242	0.363	ng	0.00
15) 2-Fluorobiphenyl	13.004	172	1767	0.381	ng	0.00
27) Fluoranthene-d10	19.169	212	951	0.330	ng	0.00
31) Terphenyl-d14	19.787	244	497	0.362	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	265	0.386	ng	# 79
3) n-Nitrosodimethylamine	3.637	42	175	0.303	ng	# 81
6) bis(2-Chloroethyl)ether	7.183	93	409	0.303	ng	99
9) Naphthalene	10.562	128	1545	0.360	ng	98
10) Hexachlorobutadiene	10.829	225	493	0.402	ng	# 98
12) 2-Methylnaphthalene	12.189	142	1157	0.364	ng	97
16) Acenaphthylene	14.094	152	2046	0.360	ng	99
17) Acenaphthene	14.436	154	1228	0.349	ng	97
18) Fluorene	15.430	166	1791	0.353	ng	99
20) 4,6-Dinitro-2-methylph...	15.542	198	152	0.321	ng	# 89
21) 4-Bromophenyl-phenylether	16.337	248	463	0.379	ng	96
22) Hexachlorobenzene	16.411	284	585	0.408	ng	96
23) Atrazine	16.622	200	448	0.378	ng	96
24) Pentachlorophenol	16.784	266	294	0.316	ng	91
25) Phenanthrene	17.168	178	2296	0.367	ng	99
26) Anthracene	17.268	178	2212	0.362	ng	98
28) Fluoranthene	19.201	202	1868	0.333	ng	98
30) Pyrene	19.568	202	1862	0.417	ng	97
32) Benzo(a)anthracene	21.331	228	968	0.378	ng	97
33) Chrysene	21.384	228	959	0.375	ng	97
34) Bis(2-ethylhexyl)phtha...	21.268	149	1691	0.456	ng	99
36) Indeno(1,2,3-cd)pyrene	25.966	276	1316	0.357	ng	# 87
37) Benzo(b)fluoranthene	22.938	252	985	0.342	ng	96
38) Benzo(k)fluoranthene	22.984	252	991	0.355	ng	92
39) Benzo(a)pyrene	23.534	252	914	0.350	ng	96
40) Dibenzo(a,h)anthracene	25.996	278	969	0.343	ng	# 90
41) Benzo(g,h,i)perylene	26.683	276	1143	0.366	ng	97

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

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