Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029090.D
Acq On : 07 Dec 2023 13:02
Operator : MA/JU
Sample : 05425-10MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
O-5(5-10)MSD

Quant Time: Dec 07 13:34:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1063	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2013	0.400	ng	-0.01
13) Acenaphthene-d10	14.386	164	1436	0.400	ng	-0.01
19) Phenanthrene-d10	17.147	188	3488	0.400	ng	0.00
29) Chrysene-d12	21.347	240	2286	0.400	ng	# 0.00
35) Perylene-d12	23.658	264	2526	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	858	0.357	ng	0.00
5) Phenol-d6	6.981	99	994	0.346	ng	0.00
8) Nitrobenzene-d5	8.939	82	858	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	1360	0.322	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	422	0.266	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2848	0.383	ng	0.00
27) Fluoranthene-d10	19.181	212	3362	0.307	ng	0.00
31) Terphenyl-d14	19.789	244	2151	0.372	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	271	0.317	ng	# 60
3) n-Nitrosodimethylamine	3.666	42	146	0.281	ng	# 1
6) bis(2-Chloroethyl)ether	7.219	93	1029	0.506	ng	# 81
9) Naphthalene	10.594	128	2202	0.351	ng	97
10) Hexachlorobutadiene	10.872	225	783	0.283	ng	# 99
12) 2-Methylnaphthalene	12.212	142	1646	0.322	ng	100
16) Acenaphthylene	14.118	152	2832	0.358	ng	100
17) Acenaphthene	14.450	154	1701	0.343	ng	98
18) Fluorene	15.444	166	2402	0.304	ng	99
20) 4,6-Dinitro-2-methylph...	15.533	198	329	0.313	ng	# 76
21) 4-Bromophenyl-phenylether	16.340	248	1113	0.353	ng	# 87
22) Hexachlorobenzene	16.427	284	1146	0.319	ng	95
23) Atrazine	16.638	200	857	0.308	ng	98
24) Pentachlorophenol	16.799	266	151	0.077	ng	92
25) Phenanthrene	17.184	178	4053	0.348	ng	97
26) Anthracene	17.271	178	3732	0.332	ng	99
28) Fluoranthene	19.209	202	4973	0.311	ng	# 98
30) Pyrene	19.571	202	5016	0.354	ng	99
32) Benzo(a)anthracene	21.329	228	4173	0.360	ng	98
33) Chrysene	21.383	228	3974	0.348	ng	99
34) Bis(2-ethylhexyl)phtha...	21.275	149	3490	0.488	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.032	276	4650	0.361	ng	97
37) Benzo(b)fluoranthene	22.959	252	4690	0.346	ng	# 88
38) Benzo(k)fluoranthene	23.003	252	4178	0.329	ng	# 88
39) Benzo(a)pyrene	23.556	252	3797	0.338	ng	# 87
40) Dibenzo(a,h)anthracene	26.055	278	3635	0.366	ng	# 92
41) Benzo(g,h,i)perylene	26.757	276	3745	0.345	ng	# 94

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

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