Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011022\
Data File : BN018379.D
Acq On : 10 Jan 2022 15:09
Operator : CG/JU
Sample : M5221-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 10 15:37:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 13:58:28 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PW-B6-L10-122221MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
01/10/2022
Supervised By :Jagrut Upadhyay
01/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	28508	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	133694	0.400	ng	#-0.01
13) Acenaphthene-d10	14.243	164	68172	0.400	ng	-0.01
19) Phenanthrene-d10	16.981	188	117472	0.400	ng	#-0.01
29) Chrysene-d12	21.185	240	100399	0.400	ng	0.00
35) Perylene-d12	23.402	264	91939	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	12037	0.172	ng	0.00
5) Phenol-d6	6.813	99	6959	0.099	ng	0.00
8) Nitrobenzene-d5	8.759	82	30945	0.429	ng	-0.01
11) 2-Methylnaphthalene-d10	11.985	152	81117m	0.388	ng	-0.01
14) 2,4,6-Tribromophenol	15.741	330	10097	0.466	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	92532	0.376	ng	-0.01
27) Fluoranthene-d10	19.023	212	132703	0.396	ng	0.00
31) Terphenyl-d14	19.629	244	103210	0.475	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	4758	0.297	ng	# 56
3) n-Nitrosodimethylamine	3.502	42	5838	0.227	ng	94
6) bis(2-Chloroethyl)ether	7.052	93	32482	0.427	ng	99
9) Naphthalene	10.432	128	130162	0.383	ng	99
10) Hexachlorobutadiene	10.736	225	20528	0.325	ng	# 100
12) 2-Methylnaphthalene	12.056	142	83541	0.402	ng	98
16) Acenaphthylene	13.964	152	110981	0.410	ng	100
17) Acenaphthene	14.307	154	73441	0.389	ng	99
18) Fluorene	15.296	166	91538	0.431	ng	99
20) 4,6-Dinitro-2-methylph...	15.385	198	2940	0.511	ng	95
21) 4-Bromophenyl-phenylether	16.190	248	28074	0.435	ng	# 87
22) Hexachlorobenzene	16.300	284	34009	0.396	ng	# 91
23) Atrazine	16.458	200	20711	0.466	ng	# 91
24) Pentachlorophenol	16.652	266	21091	0.922	ng	100
25) Phenanthrene	17.030	178	147799	0.448	ng	100
26) Anthracene	17.115	178	129482	0.474	ng	99
28) Fluoranthene	19.053	202	166130	0.474	ng	# 96
30) Pyrene	19.415	202	169889	0.478	ng	100
32) Benzo(a)anthracene	21.164	228	143032	0.484	ng	99
33) Chrysene	21.217	228	144463	0.430	ng	99
34) Bis(2-ethylhexyl)phtha...	21.111	149	123721	0.676	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.661	276	133319	0.456	ng	# 91
37) Benzo(b)fluoranthene	22.735	252	140049	0.470	ng	# 97
38) Benzo(k)fluoranthene	22.779	252	137169	0.471	ng	# 97
39) Benzo(a)pyrene	23.303	252	129602	0.470	ng	# 96
40) Dibenzo(a,h)anthracene	25.679	278	99898	0.430	ng	# 95
41) Benzo(g,h,i)perylene	26.343	276	122711	0.459	ng	# 92

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

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