Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
Data File : BF133739.D
Acq On : 13 Jun 2023 19:35
Operator : CG\JU
Sample : 03138-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 13 21:50:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 13 11:26:55 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	83915	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	264923	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	128391	20.000	ng		-0.01
64) Phenanthrene-d10	11.375	188	215944	20.000	ng	#	0.00
76) Chrysene-d12	14.039	240	156486	20.000	ng	#	0.02
86) Perylene-d12	15.492	264	133108	20.000	ng	#	0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	345413	71.659	ng		0.00
7) Phenol-d6	6.457	99	364956	58.167	ng		-0.01
23) Nitrobenzene-d5	7.393	82	225532	46.368	ng		-0.01
42) 2,4,6-Tribromophenol	10.663	330	101541	62.479	ng		0.00
45) 2-Fluorobiphenyl	9.187	172	417965	46.276	ng		-0.01
79) Terphenyl-d14	12.975	244	490246	48.476	ng		0.02
Target Compounds							Qvalue
31) Naphthalene	8.134	128	292469	22.660	ng		100
37) 2-Methylnaphthalene	8.828	142	100491	11.206	ng		98
38) 1-Methylnaphthalene	8.928	142	83448	10.112	ng		98
46) 1,1'-Biphenyl	9.292	154	31315	3.024	ng		100
49) Acenaphthylene	9.734	152	40793	3.155	ng	#	85
52) Acenaphthene	9.904	154	283752	37.497	ng		99
55) Dibenzofuran	10.075	168	221877	19.215	ng		96
58) Fluorene	10.422	166	225792	25.570	ng		98
71) Phenanthrene	11.416	178	3542373	323.330	ng		99
72) Anthracene	11.457	178	738880	64.680	ng		99
73) Carbazole	11.604	167	346693	32.585	ng	#	94
75) Fluoranthene	12.633	202	6036724	518.867	ng		97
78) Pyrene	12.869	202	5273594	361.769	ng		98
81) Benzo(a)anthracene	14.033	228	2788715	257.637	ng		97
83) Chrysene	14.074	228	2414725m	235.865	ng		
84) Bis(2-ethylhexyl)phtha...	13.998	149	32812	4.330	ng	#	93
87) Indeno(1,2,3-cd)pyrene	16.968	276	768612	83.932	ng		97
88) Benzo(b)fluoranthene	15.080	252	2260583m	279.576	ng		
89) Benzo(k)fluoranthene	15.104	252	728432m	92.482	ng		
90) Benzo(a)pyrene	15.445	252	1219837	162.554	ng		97
91) Dibenzo(a,h)anthracene	16.974	278	199436	26.306	ng		95
92) Benzo(g,h,i)perylene	17.415	276	721657	96.006	ng		97

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

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