Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136861.D
Acq On : 30 Dec 2023 08:54
Operator : CG\JU
Sample : 05897-07
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-32

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024

Quant Time: Jan 01 00:33:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	73541	20.000	ng		-0.01
21) Naphthalene-d8	8.057	136	286698	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	155364	20.000	ng		-0.01
64) Phenanthrene-d10	11.304	188	229263	20.000	ng		-0.01
76) Chrysene-d12	13.963	240	128406	20.000	ng		0.00
86) Perylene-d12	15.445	264	154965	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	435981	92.500	ng		0.00
7) Phenol-d6	6.428	99	573821	93.957	ng		-0.01
23) Nitrobenzene-d5	7.345	82	336865	60.125	ng		-0.01
42) 2,4,6-Tribromophenol	10.610	330	124929	68.276	ng		-0.01
45) 2-Fluorobiphenyl	9.133	172	658659	57.020	ng		-0.02
79) Terphenyl-d14	12.904	244	477103	51.924	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.440	94	16731	2.566	ng		95
17) 2-Methylphenol	7.045	107	16100	3.768	ng		96
20) 3+4-Methylphenols	7.198	107	33729	6.318	ng	#	53
22) Acetophenone	7.187	105	33954	4.725	ng	#	85
25) Isophorone	7.592	82	53617	5.259	ng		98
27) 2,4-Dimethylphenol	7.734	122	18296	5.597	ng	#	90
31) Naphthalene	8.075	128	52899	3.359	ng		97
37) 2-Methylnaphthalene	8.769	142	25362	2.502	ng		100
52) Acenaphthene	9.845	154	27274	2.904	ng		96
55) Dibenzofuran	10.016	168	46947	3.298	ng		98
58) Fluorene	10.363	166	71295	6.312	ng		99
71) Phenanthrene	11.333	178	287672	24.454	ng		100
72) Anthracene	11.386	178	590406	49.558	ng		99
73) Carbazole	11.545	167	195764	17.429	ng		100
75) Fluoranthene	12.527	202	193621	15.387	ng		98
78) Pyrene	12.757	202	142569	11.310	ng		99
81) Benzo(a)anthracene	13.957	228	48158	5.401	ng	#	93
83) Chrysene	13.992	228	52981	6.076	ng	#	96
84) Bis(2-ethylhexyl)phtha...	13.945	149	31345	5.432	ng	#	90
88) Benzo(b)fluoranthene	15.015	252	38783m	3.747	ng		
90) Benzo(a)pyrene	15.380	252	24480	2.802	ng	#	85

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

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