Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033591.D
Acq On : 23 Aug 2024 15:59
Operator : MA/JU
Sample : P3671-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-911-K1-SO-0-0.5-081924-FD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 23 16:53:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	6471	0.400	ng		0.00
7) Naphthalene-d8	10.304	136	18310	0.400	ng		0.00
13) Acenaphthene-d10	14.178	164	9783	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	20641	0.400	ng	#	0.00
29) Chrysene-d12	21.139	240	16828	0.400	ng	#	0.00
35) Perylene-d12	23.309	264	18757	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	7252	0.353	ng		0.00
5) Phenol-d6	6.736	99	9414	0.385	ng		0.00
8) Nitrobenzene-d5	8.681	82	7067	0.465	ng		0.00
11) 2-Methylnaphthalene-d10	11.903	152	10856	0.414	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	2643	0.503	ng		0.00
15) 2-Fluorobiphenyl	12.799	172	14785	0.370	ng		0.00
27) Fluoranthene-d10	18.975	212	19419	0.391	ng		0.00
31) Terphenyl-d14	19.584	244	13742	0.359	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.357	128	8486	0.173	ng		96
12) 2-Methylnaphthalene	11.975	142	6355	0.205	ng		98
16) Acenaphthylene	13.900	152	14776	0.344	ng		97
17) Acenaphthene	14.242	154	3411	0.113	ng		95
18) Fluorene	15.236	166	5677	0.149	ng	#	87
25) Phenanthrene	16.967	178	114072	1.987	ng		99
26) Anthracene	17.066	178	18335	0.361	ng	#	93
28) Fluoranthene	19.003	202	293678	4.628	ng		100
30) Pyrene	19.365	202	255373	3.400	ng	#	96
32) Benzo(a)anthracene	21.121	228	119594	1.966	ng		95
33) Chrysene	21.175	228	143608	2.375	ng		97
34) Bis(2-ethylhexyl)phtha...	21.086	149	15136m	0.393	ng		
36) Indeno(1,2,3-cd)pyrene	25.461	276	110265	1.416	ng	#	93
37) Benzo(b)fluoranthene	22.668	252	214874	3.068	ng		96
38) Benzo(k)fluoranthene	22.706	252	72890m	1.057	ng		
39) Benzo(a)pyrene	23.212	252	134904m	2.328	ng		
40) Dibenzo(a,h)anthracene	25.475	278	25089	0.403	ng	#	86
41) Benzo(g,h,i)perylene	26.118	276	110193	1.655	ng		99

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

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