Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029074.D
Acq On : 07 Dec 2023 02:13
Operator : MA/JU
Sample : PB157241BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157241BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 07 03:06:23 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	1361	0.400	ng		0.00
7) Naphthalene-d8	10.552	136	2734	0.400	ng		#-0.01
13) Acenaphthene-d10	14.396	164	1292	0.400	ng		0.00
19) Phenanthrene-d10	17.147	188	3710	0.400	ng		0.00
29) Chrysene-d12	21.347	240	699	0.400	ng		# 0.00
35) Perylene-d12	23.673	264	17	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	1150	0.373	ng		0.00
5) Phenol-d6	6.981	99	1174	0.319	ng		0.00
8) Nitrobenzene-d5	8.939	82	865	0.262	ng		0.00
11) 2-Methylnaphthalene-d10	12.140	152	1481	0.258	ng		0.00
14) 2,4,6-Tribromophenol	15.893	330	519	0.364	ng		0.00
15) 2-Fluorobiphenyl	13.028	172	2772	0.414	ng		0.00
27) Fluoranthene-d10	19.181	212	2795	0.240	ng		0.00
31) Terphenyl-d14	19.789	244	1734	0.980	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	354	0.323	ng	#	63
3) n-Nitrosodimethylamine	3.723	42	14187	21.321	ng	#	1
6) bis(2-Chloroethyl)ether	7.226	93	1043	0.400	ng		96
9) Naphthalene	10.605	128	2721	0.319	ng		99
10) Hexachlorobutadiene	10.872	225	1022	0.272	ng	#	97
12) 2-Methylnaphthalene	12.216	142	1947	0.281	ng		97
16) Acenaphthylene	14.118	152	1974	0.278	ng		98
17) Acenaphthene	14.460	154	1717	0.385	ng		99
18) Fluorene	15.444	166	3020	0.424	ng		98
20) 4,6-Dinitro-2-methylph...	15.533	198	476	0.425	ng	#	89
21) 4-Bromophenyl-phenylether	16.340	248	1195	0.356	ng	#	81
22) Hexachlorobenzene	16.439	284	1347	0.353	ng		94
24) Pentachlorophenol	16.799	266	1979	0.947	ng		95
25) Phenanthrene	17.184	178	4501	0.363	ng		99
26) Anthracene	17.271	178	3784	0.316	ng		98
28) Fluoranthene	19.209	202	4682	0.275	ng	#	99
30) Pyrene	19.576	202	2069	0.477	ng		99
32) Benzo(a)anthracene	21.329	228	2078	0.586	ng		97
33) Chrysene	21.383	228	3002	0.861	ng		98
34) Bis(2-ethylhexyl)phtha...	21.275	149	1343	0.614	ng		95
36) Indeno(1,2,3-cd)pyrene	26.061	276	1785	20.590	ng	#	83
37) Benzo(b)fluoranthene	22.965	252	2858	31.316	ng	#	83
38) Benzo(k)fluoranthene	23.009	252	1974	23.068	ng	#	70
39) Benzo(a)pyrene	23.570	252	667	8.831	ng	#	2
40) Dibenzo(a,h)anthracene	26.082	278	2440m	36.489	ng		
41) Benzo(g,h,i)perylene	26.778	276	1682	22.999	ng	#	79

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

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