Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028966.D
Acq On : 02 Dec 2023 02:38
Operator : MA/JU
Sample : PB157164BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 02 03:17:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB157164BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.797	152	2825	0.400	ng		0.00
7) Naphthalene-d8	10.583	136	8335	0.400	ng	#	0.00
13) Acenaphthene-d10	14.417	164	3627	0.400	ng		0.00
19) Phenanthrene-d10	17.171	188	9451	0.400	ng	#	0.00
29) Chrysene-d12	21.365	240	5576	0.400	ng	#	0.00
35) Perylene-d12	23.693	264	353	0.400	ng	#	-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.413	112	3135	0.366	ng		0.00
5) Phenol-d6	7.009	99	3420	0.360	ng		0.00
8) Nitrobenzene-d5	8.961	82	2448	0.295	ng		-0.01
11) 2-Methylnaphthalene-d10	12.170	152	4080	0.305	ng		0.00
14) 2,4,6-Tribromophenol	15.918	330	851	0.347	ng		0.00
15) 2-Fluorobiphenyl	13.049	172	5568	0.355	ng		0.00
27) Fluoranthene-d10	19.204	212	7021	0.282	ng		0.00
31) Terphenyl-d14	19.808	244	5912	0.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	847m	0.306	ng		
3) n-Nitrosodimethylamine	3.738	42	68551	15.875	ng	#	17
6) bis(2-Chloroethyl)ether	7.248	93	2686	0.336	ng		98
9) Naphthalene	10.626	128	7259	0.274	ng		98
10) Hexachlorobutadiene	10.893	225	1323	0.245	ng	#	100
12) 2-Methylnaphthalene	12.242	142	4653	0.280	ng		97
16) Acenaphthylene	14.140	152	4987	0.260	ng		99
17) Acenaphthene	14.482	154	3757	0.295	ng		98
18) Fluorene	15.465	166	6162	0.382	ng		100
20) 4,6-Dinitro-2-methylph...	15.570	198	411	0.198	ng		86
21) 4-Bromophenyl-phenylether	16.364	248	1658	0.255	ng	#	82
22) Hexachlorobenzene	16.464	284	1983	0.248	ng		96
24) Pentachlorophenol	16.824	266	1965	0.529	ng		97
25) Phenanthrene	17.208	178	8904	0.285	ng		97
26) Anthracene	17.295	178	7240	0.251	ng		99
28) Fluoranthene	19.232	202	8648	0.267	ng		98
30) Pyrene	19.594	202	4208	0.193	ng		100
32) Benzo(a)anthracene	21.347	228	6747	0.285	ng		95
33) Chrysene	21.400	228	7140	0.307	ng		96
34) Bis(2-ethylhexyl)phtha...	21.293	149	6909	0.072	ng	#	88
36) Indeno(1,2,3-cd)pyrene	26.087	276	3903	2.537	ng	#	84
37) Benzo(b)fluoranthene	22.985	252	6577	4.554	ng	#	46
38) Benzo(k)fluoranthene	23.032	252	4440	3.259	ng	#	52
39) Benzo(a)pyrene	23.591	252	1442	1.118	ng	#	69
40) Dibenzo(a,h)anthracene	26.111	278	5460	4.587	ng	#	41
41) Benzo(g,h,i)perylene	26.818	276	2950	2.203	ng		91

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

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