Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013298.D
Acq On : 23 Dec 2020 14:37
Operator : CG/JU
Sample : L5053-18MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE125D3-20201210MS

Manual Integrations APPROVED
mohammad
12/24/2020 10:42:27 AM

Quant Time: Dec 23 15:17:56 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.330	152	623	0.40	ng		0.00
7) Naphthalene-d8	10.099	136	1914	0.40	ng		# 0.00
13) Acenaphthene-d10	13.991	164	1241	0.40	ng		0.00
19) Phenanthrene-d10	16.763	188	2879	0.40	ng		# 0.00
29) Chrysene-d12	20.992	240	2855	0.40	ng		# 0.00
36) Perylene-d12	23.079	264	3184	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.962	112	95	0.04	ng		0.00
5) Phenol-d6	6.557	99	93	0.04	ng		0.02
8) Nitrobenzene-d5	8.528	82	265	0.13	ng		0.03
11) 2-Methylnaphthalene-d10	11.715	152	456	0.14	ng		0.00
14) 2,4,6-Tribromophenol	15.526	330	100	0.13	ng		0.00
15) 2-Fluorobiphenyl	12.608	172	690	0.13	ng		0.00
27) Fluoranthene-d10	18.813	212	1495	0.16	ng		0.00
31) Terphenyl-d14	19.429	244	1338	0.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.916	88	2738	2.52	ng	#	92
6) bis(2-Chloroethyl)ether	6.790	93	213	0.13	ng	#	95
9) Naphthalene	10.150	128	849	0.14	ng	#	73
10) Hexachlorobutadiene	10.403	225	193	0.15	ng	#	93
12) 2-Methylnaphthalene	11.786	142	530	0.13	ng	#	91
16) Acenaphthylene	13.712	152	1009	0.15	ng		98
17) Acenaphthene	14.054	154	600	0.15	ng		87
18) Fluorene	15.069	166	843	0.15	ng		98
20) 4,6-Dinitro-2-methylph...	15.247	198	19	0.21	ng	#	1
21) 4-Bromophenyl-phenylether	16.008	248	236	0.42	ng	#	74
22) Hexachlorobenzene	16.069	284	290	0.15	ng		95
23) Atrazine	16.252	200	185	0.11	ng	#	70
24) Pentachlorophenol	16.434	266	223	0.27	ng		91
25) Phenanthrene	16.799	178	1417	0.15	ng		99
26) Anthracene	16.909	178	1179	0.14	ng		100
28) Fluoranthene	18.843	202	1971	0.17	ng		99
30) Pyrene	19.210	202	2040	0.18	ng		99
32) Benzo(a)anthracene	20.982	228	1644m	0.16	ng		
33) Chrysene	21.024	228	2049	0.19	ng		93
34) Bis(2-ethylhexyl)phtha...	20.918	149	1543	0.04	ng		97
35) Indeno(1,2,3-cd)pyrene	25.119	276	2725	0.19	ng		94
37) Benzo(b)fluoranthene	22.467	252	2202	0.20	ng	#	71
38) Benzo(k)fluoranthene	22.508	252	2466	0.19	ng	#	78
39) Benzo(a)pyrene	22.994	252	2035	0.18	ng	#	67
40) Dibenzo(a,h)anthracene	25.130	278	2213	0.18	ng	#	71
41) Benzo(g,h,i)perylene	25.739	276	2467	0.19	ng	#	84

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

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