Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012456.D
Acq On : 30 Oct 2020 03:14
Operator : CG/JU
Sample : L4547-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TT-033-IDWSO-20201027MSD

Quant Time: Oct 30 04:18:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.570	152	950	0.40	ng		# 0.00
7) Naphthalene-d8	10.339	136	4087	0.40	ng		#-0.01
13) Acenaphthene-d10	14.217	164	2263	0.40	ng		0.00
19) Phenanthrene-d10	16.968	188	4749	0.40	ng		# 0.00
29) Chrysene-d12	21.174	240	5036	0.40	ng		# 0.00
36) Perylene-d12	23.340	264	4367	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.186	112	1299	0.39	ng		0.00
5) Phenol-d6	6.757	99	1698	0.43	ng		0.00
8) Nitrobenzene-d5	8.716	82	2220	0.49	ng		-0.01
11) 2-Methylnaphthalene-d10	11.935	152	3321	0.51	ng		-0.02
14) 2,4,6-Tribromophenol	15.714	330	582	0.36	ng		-0.01
15) 2-Fluorobiphenyl	12.822	172	4006	0.48	ng		-0.03
27) Fluoranthene-d10	19.003	212	5773	0.39	ng		0.00
31) Terphenyl-d14	19.613	244	6279	0.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.165	88	29199	18.88	ng		96
3) n-Nitrosodimethylamine	3.471	42	1474	0.39	ng	#	63
6) bis(2-Chloroethyl)ether	7.006	93	1127	0.42	ng		91
9) Naphthalene	10.389	128	4150	0.36	ng		98
10) Hexachlorobutadiene	10.668	225	748	0.31	ng	#	98
12) 2-Methylnaphthalene	12.011	142	2817	0.38	ng	#	92
16) Acenaphthylene	13.925	152	3977	0.36	ng		99
17) Acenaphthene	14.268	154	2445	0.34	ng		90
18) Fluorene	15.270	166	3213	0.35	ng		96
20) 4,6-Dinitro-2-methylph...	15.372	198	358	0.32	ng	#	23
21) 4-Bromophenyl-phenylether	16.165	248	1011	0.35	ng		96
22) Hexachlorobenzene	16.274	284	1146	0.33	ng	#	81
23) Atrazine	16.445	200	380	0.14	ng	#	82
24) Pentachlorophenol	16.615	266	1808	1.12	ng		98
25) Phenanthrene	17.005	178	5548	0.40	ng		97
26) Anthracene	17.102	178	4800	0.37	ng		99
28) Fluoranthene	19.032	202	6188	0.38	ng		99
30) Pyrene	19.400	202	6717	0.39	ng		97
32) Benzo(a)anthracene	21.152	228	6112	0.40	ng		98
33) Chrysene	21.205	228	6007	0.35	ng		98
34) Bis(2-ethylhexyl)phtha...	21.089	149	6142	0.61	ng	#	90
35) Indeno(1,2,3-cd)pyrene	25.500	276	7925	0.32	ng		99
37) Benzo(b)fluoranthene	22.693	252	6658	0.48	ng	#	88
38) Benzo(k)fluoranthene	22.738	252	6896	0.46	ng	#	88
39) Benzo(a)pyrene	23.244	252	5615	0.42	ng	#	82
40) Dibenzo(a,h)anthracene	25.513	278	6785	0.45	ng		93
41) Benzo(g,h,i)perylene	26.154	276	6837	0.43	ng		94

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

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