Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102820\
Data File : BN012423.D
Acq On : 28 Oct 2020 15:59
Operator : CG/JU
Sample : L4523-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CS-42MSD

Quant Time: Oct 28 16:28:48 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	7.578	152	946	0.40	ng		0.00
7) Naphthalene-d8	10.351	136	3694	0.40	ng		# 0.00
13) Acenaphthene-d10	14.217	164	1942	0.40	ng		0.00
19) Phenanthrene-d10	16.968	188	4101	0.40	ng		# 0.00
29) Chrysene-d12	21.174	240	4182	0.40	ng		# 0.00
36) Perylene-d12	23.350	264	3093	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.194	112	935	0.28	ng		0.00
5) Phenol-d6	6.757	99	1177	0.30	ng		0.00
8) Nitrobenzene-d5	8.729	82	1556	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.944	152	2692	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.727	330	429	0.31	ng		0.00
15) 2-Fluorobiphenyl	12.834	172	2877	0.40	ng		-0.01
27) Fluoranthene-d10	19.012	212	3947	0.31	ng		0.00
31) Terphenyl-d14	19.618	244	4374	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.165	88	511	0.33	ng	#	66
3) n-Nitrosodimethylamine	3.479	42	1261	0.34	ng	#	64
6) bis(2-Chloroethyl)ether	7.014	93	849	0.32	ng		89
9) Naphthalene	10.389	128	3297	0.32	ng		97
10) Hexachlorobutadiene	10.681	225	614	0.28	ng	#	99
12) 2-Methylnaphthalene	12.020	142	2180	0.32	ng	#	93
16) Acenaphthylene	13.938	152	2753	0.29	ng		99
17) Acenaphthene	14.281	154	1902	0.31	ng		89
18) Fluorene	15.270	166	2481	0.32	ng		98
20) 4,6-Dinitro-2-methylph...	15.384	198	343	0.36	ng	#	29
21) 4-Bromophenyl-phenylether	16.165	248	765	0.31	ng	#	73
22) Hexachlorobenzene	16.274	284	885	0.29	ng	#	82
23) Atrazine	16.457	200	296	0.12	ng	#	77
24) Pentachlorophenol	16.627	266	1447	1.03	ng		99
25) Phenanthrene	17.005	178	3901	0.33	ng		97
26) Anthracene	17.102	178	3387	0.31	ng		99
28) Fluoranthene	19.042	202	4675	0.33	ng		99
30) Pyrene	19.405	202	4368	0.31	ng		98
32) Benzo(a)anthracene	21.163	228	4525	0.36	ng		96
33) Chrysene	21.216	228	4488	0.31	ng		97
34) Bis(2-ethylhexyl)phtha...	21.099	149	3576	0.43	ng	#	91
35) Indeno(1,2,3-cd)pyrene	25.513	276	6263	0.31	ng		98
37) Benzo(b)fluoranthene	22.703	252	5114	0.52	ng	#	78
38) Benzo(k)fluoranthene	22.748	252	5297	0.50	ng	#	82
39) Benzo(a)pyrene	23.258	252	3985	0.42	ng	#	66
40) Dibenzo(a,h)anthracene	25.524	278	5486	0.51	ng	#	86
41) Benzo(g,h,i)perylene	26.167	276	5509	0.49	ng	#	94

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

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