Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092520\
Data File : BN011949.D
Acq On : 25 Sep 2020 14:31
Operator : CG/JU
Sample : L4083-15MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE109D3-20200917MSD

Quant Time: Sep 25 15:17:32 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 11:18:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.683	152	2147	0.40	ng		0.00
7) Naphthalene-d8	10.453	136	8746	0.40	ng		# 0.00
13) Acenaphthene-d10	14.306	164	4581	0.40	ng		0.00
19) Phenanthrene-d10	17.053	188	9171	0.40	ng		# 0.00
29) Chrysene-d12	21.259	240	8524	0.40	ng		# 0.00
36) Perylene-d12	23.467	264	8708	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	713	0.09	ng		0.00
5) Phenol-d6	6.853	99	556	0.06	ng		0.00
8) Nitrobenzene-d5	8.818	82	2455	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.046	152	3415	0.25	ng		0.00
14) 2,4,6-Tribromophenol	15.803	330	547	0.25	ng		0.00
15) 2-Fluorobiphenyl	12.923	172	6218	0.36	ng		-0.01
27) Fluoranthene-d10	19.092	212	8069	0.30	ng		0.00
31) Terphenyl-d14	19.698	244	7450	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.245	88	12316	3.30	ng		92
3) n-Nitrosodimethylamine	3.568	42	578	0.11	ng	#	98
6) bis(2-Chloroethyl)ether	7.111	93	1688	0.21	ng	#	86
9) Naphthalene	10.504	128	5495	0.22	ng		99
10) Hexachlorobutadiene	10.795	225	747	0.18	ng	#	99
12) 2-Methylnaphthalene	12.122	142	3499	0.22	ng		97
16) Acenaphthylene	14.027	152	4955	0.22	ng		99
17) Acenaphthene	14.370	154	3226	0.21	ng		91
18) Fluorene	15.359	166	4067	0.22	ng		100
20) 4,6-Dinitro-2-methylph...	15.448	198	415	0.24	ng	#	6
21) 4-Bromophenyl-phenylether	16.250	248	1094	0.22	ng	#	51
22) Hexachlorobenzene	16.372	284	1307	0.23	ng	#	82
23) Atrazine	16.530	200	1042	0.22	ng		93
24) Pentachlorophenol	16.713	266	1963	0.71	ng		99
25) Phenanthrene	17.102	178	6804	0.24	ng		99
26) Anthracene	17.187	178	6079	0.25	ng		98
28) Fluoranthene	19.122	202	8378	0.27	ng	#	95
30) Pyrene	19.484	202	8582	0.27	ng		99
32) Benzo(a)anthracene	21.237	228	7347	0.27	ng		97
33) Chrysene	21.290	228	7605	0.26	ng		98
34) Bis(2-ethylhexyl)phtha...	21.174	149	5910	0.31	ng	#	91
35) Indeno(1,2,3-cd)pyrene	25.678	276	9053	0.27	ng	#	92
37) Benzo(b)fluoranthene	22.803	252	7862	0.26	ng	#	74
38) Benzo(k)fluoranthene	22.847	252	8579	0.27	ng	#	78
39) Benzo(a)pyrene	23.371	252	6581	0.24	ng	#	58
40) Dibenzo(a,h)anthracene	25.691	278	7478	0.26	ng	#	80
41) Benzo(g,h,i)perylene	26.356	276	7866	0.26	ng	#	89

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

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