Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
Data File : BN010211.D
Acq On : 13 Mar 2020 21:34
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Mar 16 01:59:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 01:51:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3274	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	11203	0.40	ng		0.00
13) Acenaphthene-d10	14.26	164	7448	0.40	ng		0.00
19) Phenanthrene-d10	17.00	188	17502	0.40	ng		0.00
27) Chrysene-d12	21.20	240	18094	0.40	ng		0.00
34) Perylene-d12	23.38	264	19528	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	22719	3.12	ng		0.00
5) Phenol-d6	6.82	99	29016	3.28	ng		0.00
8) Nitrobenzene-d5	8.77	82	22176	2.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	60313	2.78	ng		0.00
14) 2,4,6-Tribromophenol	15.75	330	8986	3.13	ng		0.00
15) 2-Fluorobiphenyl	12.88	172	85367	3.04	ng		0.00
25) Fluoranthene-d10	19.03	212	172138	2.84	ng		0.00
29) Terphenyl-d14	19.65	244	129991	3.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	10018	2.988	ng	#	53
3) n-Nitrosodimethylamine	3.55	42	9626	1.748	ng	#	27
6) bis(2-Chloroethyl)ether	7.07	93	24877	2.888	ng		96
9) Naphthalene	10.44	128	89758	2.938	ng		95
10) Hexachlorobutadiene	10.76	225	20412	3.037	ng	#	96
12) 2-Methylnaphthalene	12.06	142	65235	3.114	ng		96
16) Acenaphthylene	13.97	152	110885	3.492	ng		100
17) Acenaphthene	14.31	154	67845	3.039	ng		98
18) Fluorene	15.31	166	91516	3.106	ng		100
20) 4-Bromophenyl-phenylether	16.21	248	32560	2.671	ng		95
21) Hexachlorobenzene	16.32	284	32003	2.937	ng		98
22) Pentachlorophenol	16.66	266	10553	3.779	ng		88
23) Phenanthrene	17.04	178	148642	2.854	ng		100
24) Anthracene	17.13	178	149313	3.391	ng		100
26) Fluoranthene	19.06	202	186471	2.990	ng		100
28) Pyrene	19.43	202	191654	2.789	ng		100
30) Benzo(a)anthracene	21.19	228	196064	3.265	ng		99
31) Chrysene	21.23	228	191495	2.757	ng		99
32) Bis(2-ethylhexyl)phthalate	21.15	149	87954	3.002	ng	#	96
33) Indeno(1,2,3-cd)pyrene	25.53	276	224846	3.108	ng		98
35) Benzo(b)fluoranthene	22.73	252	194672	2.727	ng		96
36) Benzo(k)fluoranthene	22.78	252	196452	2.527	ng	#	96
37) Benzo(a)pyrene	23.28	252	183396	2.815	ng	#	95
38) Dibenzo(a,h)anthracene	25.56	278	183183	2.856	ng		96
39) Benzo(g,h,i)perylene	26.19	276	182202	2.667	ng		98

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

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