Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011562.D
Acq On : 21 Aug 2020 19:25
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Aug 22 03:46:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 21 18:41:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1692	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	5712	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	3670	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	8231	0.40	ng		0.00
29) Chrysene-d12	21.00	240	8923	0.40	ng		-0.01
36) Perylene-d12	23.11	264	7315	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	10261	2.60	ng		0.00
5) Phenol-d6	6.60	99	13470	2.95	ng		-0.02
8) Nitrobenzene-d5	8.53	82	14303	3.10	ng		-0.03
11) 2-Methylnaphthalene-d10	11.74	152	31742	3.01	ng		-0.01
14) 2,4,6-Tribromophenol	15.54	330	6338	3.84	ng		-0.01
15) 2-Fluorobiphenyl	12.64	172	49089	3.04	ng		-0.01
27) Fluoranthene-d10	18.83	212	84703	3.38	ng		0.00
31) Terphenyl-d14	19.45	244	70706	3.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	6342	2.881	ng	#	100
3) n-Nitrosodimethylamine	3.41	42	3099	3.401	ng	#	89
6) bis(2-Chloroethyl)ether	6.85	93	12244	3.407	ng	#	90
9) Naphthalene	10.19	128	50197	3.016	ng		94
10) Hexachlorobutadiene	10.48	225	12954	3.004	ng	#	100
12) 2-Methylnaphthalene	11.81	142	35817	2.993	ng		95
16) Acenaphthylene	13.74	152	59806	3.249	ng		99
17) Acenaphthene	14.09	154	37362	3.139	ng		98
18) Fluorene	15.09	166	50020	3.270	ng		100
20) 4,6-Dinitro-2-methylphenol	15.19	198	5071	5.058	ng	#	24
21) 4-Bromophenyl-phenylether	16.02	248	765	0.113	ng		91
22) Hexachlorobenzene	16.10	284	18609	3.031	ng		100
23) Atrazine	16.29	200	14522	3.627	ng	#	89
24) Pentachlorophenol	16.46	266	7105	3.776	ng		98
25) Phenanthrene	16.82	178	82110	3.130	ng		100
26) Anthracene	16.92	178	75112	3.356	ng		99
28) Fluoranthene	18.86	202	102299	3.294	ng		99
30) Pyrene	19.23	202	102246	3.472	ng		99
32) Benzo(a)anthracene	20.99	228	98543	3.615	ng		97
33) Chrysene	21.05	228	98367	3.172	ng		98
34) Bis(2-ethylhexyl)phthalate	20.96	149	41217	4.249	ng		100
35) Indeno(1,2,3-cd)pyrene	25.13	276	91493	2.410	ng	#	94
37) Benzo(b)fluoranthene	22.49	252	92748	3.177	ng	#	83
38) Benzo(k)fluoranthene	22.54	252	102373	3.388	ng	#	83
39) Benzo(a)pyrene	23.02	252	81357	3.202	ng	#	73
40) Dibenzo(a,h)anthracene	25.15	278	72825	2.569	ng	#	78
41) Benzo(g,h,i)perylene	25.75	276	75855	2.560	ng		93

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

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