Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010290.D
Acq On : 19 Mar 2020 14:41
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Mar 19 15:18:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:04:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4510	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	14047	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	8928	0.40	ng		0.00
19) Phenanthrene-d10	16.98	188	20074	0.40	ng		0.00
27) Chrysene-d12	21.19	240	23172	0.40	ng		0.00
34) Perylene-d12	23.36	264	21114	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	43232	4.09	ng		0.00
5) Phenol-d6	6.80	99	55183	4.17	ng		0.00
8) Nitrobenzene-d5	8.75	82	49590	5.89	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	116899	5.04	ng		0.00
14) 2,4,6-Tribromophenol	15.74	330	20192	6.32	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	169710	5.34	ng		0.00
25) Fluoranthene-d10	19.03	212	327328	5.28	ng		0.00
29) Terphenyl-d14	19.64	244	248240	4.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	20283	4.610	ng		99
3) n-Nitrosodimethylamine	3.54	42	19548	5.017	ng		97
6) bis(2-Chloroethyl)ether	7.06	93	50652	4.586	ng		99
9) Naphthalene	10.43	128	177267	5.038	ng		99
10) Hexachlorobutadiene	10.73	225	41553	5.128	ng	#	98
12) 2-Methylnaphthalene	12.05	142	126188	4.992	ng		98
16) Acenaphthylene	13.95	152	199880	4.850	ng		100
17) Acenaphthene	14.30	154	131402	5.257	ng		96
18) Fluorene	15.29	166	173934	5.103	ng		98
20) 4-Bromophenyl-phenylether	16.18	248	65804	5.710	ng	#	89
21) Hexachlorobenzene	16.30	284	64795	5.756	ng		98
22) Pentachlorophenol	16.64	266	25021	7.200	ng		94
23) Phenanthrene	17.02	178	289538	5.437	ng		100
24) Anthracene	17.12	178	268182	5.053	ng		100
26) Fluoranthene	19.06	202	365251	5.415	ng		100
28) Pyrene	19.42	202	364076	4.704	ng		100
30) Benzo(a)anthracene	21.18	228	395354	5.019	ng		99
31) Chrysene	21.23	228	386002	4.977	ng		99
32) Bis(2-ethylhexyl)phthalate	21.13	149	151406	4.513	ng		100
33) Indeno(1,2,3-cd)pyrene	25.52	276	439990	4.782	ng		100
35) Benzo(b)fluoranthene	22.72	252	392302	6.042	ng		96
36) Benzo(k)fluoranthene	22.76	252	379012	5.777	ng	#	92
37) Benzo(a)pyrene	23.27	252	344335	5.621	ng	#	94
38) Dibenzo(a,h)anthracene	25.53	278	361032	5.874	ng		98
39) Benzo(g,h,i)perylene	26.17	276	359050	5.851	ng		99

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

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