Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
Data File : BN017695.D
Acq On : 03 Dec 2021 16:43
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 03 17:46:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 17:44:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	20394	0.40	ng	0.00
7) Naphthalene-d8	10.535	136	80966	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	48412	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	97923	0.40	ng	0.00
29) Chrysene-d12	21.303	240	102380	0.40	ng	# 0.00
35) Perylene-d12	23.613	264	79195	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.357	112	42368	0.91	ng	0.00
5) Phenol-d6	6.925	99	43468	0.89	ng	0.00
8) Nitrobenzene-d5	8.900	82	36557	1.06	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	128413	0.91	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	20274	0.82	ng	0.00
15) 2-Fluorobiphenyl	13.002	172	165150	0.88	ng	0.00
27) Fluoranthene-d10	19.149	212	286060	0.93	ng	0.00
31) Terphenyl-d14	19.755	244	199151	0.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	13302	0.97	ng	# 92
3) n-Nitrosodimethylamine	3.633	42	17967	0.94	ng	97
6) bis(2-Chloroethyl)ether	7.183	93	46050	0.81	ng	95
9) Naphthalene	10.586	128	178245	0.87	ng	100
10) Hexachlorobutadiene	10.890	225	52566	0.93	ng	# 100
12) 2-Methylnaphthalene	12.200	142	122197	0.91	ng	98
16) Acenaphthylene	14.093	152	167486	0.89	ng	100
17) Acenaphthene	14.435	154	111280	0.85	ng	99
18) Fluorene	15.425	166	143309	0.90	ng	100
20) 4,6-Dinitro-2-methylph...	15.501	198	2657	0.44	ng	99
21) 4-Bromophenyl-phenylether	16.313	248	52908	0.88	ng	# 73
22) Hexachlorobenzene	16.435	284	64242	0.88	ng	# 92
23) Atrazine	16.581	200	32864	0.97	ng	98
24) Pentachlorophenol	16.776	266	15683	0.64	ng	100
25) Phenanthrene	17.153	178	231612	0.86	ng	100
26) Anthracene	17.250	178	202121	0.88	ng	100
28) Fluoranthene	19.179	202	285006	0.94	ng	# 97
30) Pyrene	19.541	202	288457	0.87	ng	100
32) Benzo(a)anthracene	21.293	228	270522	0.87	ng	99
33) Chrysene	21.335	228	291232	0.86	ng	98
34) Bis(2-ethylhexyl)phtha...	21.229	149	90063	1.22	ng	96
36) Indeno(1,2,3-cd)pyrene	25.978	276	166532	0.65	ng	# 93
37) Benzo(b)fluoranthene	22.911	252	238953	0.91	ng	# 97
38) Benzo(k)fluoranthene	22.959	252	235421	0.87	ng	# 97
39) Benzo(a)pyrene	23.510	252	203439	0.87	ng	# 96
40) Dibenzo(a,h)anthracene	25.998	278	124035	0.59	ng	# 96
41) Benzo(g,h,i)perylene	26.700	276	154594	0.72	ng	# 94

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

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