Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092821\
Data File : BN016564.D
Acq On : 28 Sep 2021 19:36
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Manual Integrations APPROVED
mohammad
9/29/2021 12:55:52 PM

Quant Time: Sep 29 01:18:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 28 18:30:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	30371	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	123949	0.400	ng	# 0.00
13) Acenaphthene-d10	14.281	164	64728	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	122565	0.400	ng	# 0.00
29) Chrysene-d12	21.249	240	119572	0.400	ng	# 0.00
35) Perylene-d12	23.508	264	114780	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	242979	3.931	ng	0.00
5) Phenol-d6	6.840	99	258741	3.384	ng	0.00
8) Nitrobenzene-d5	8.797	82	247598	3.473	ng	0.00
11) 2-Methylnaphthalene-d10	12.016	152	591409	3.388	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	112859	7.059	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	836215	2.784	ng	0.00
27) Fluoranthene-d10	19.078	212	1138289	3.323	ng	0.00
31) Terphenyl-d14	19.693	244	900648	3.726	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	36466m	2.601	ng	
3) n-Nitrosodimethylamine	3.604	42	82094	3.049	ng	# 56
6) bis(2-Chloroethyl)ether	7.098	93	259262	3.211	ng	91
9) Naphthalene	10.470	128	1075620	3.114	ng	100
10) Hexachlorobutadiene	10.762	225	203711	2.806	ng	# 99
12) 2-Methylnaphthalene	12.092	142	683024	3.368	ng	99
16) Acenaphthylene	14.002	152	1023465	3.434	ng	100
17) Acenaphthene	14.345	154	649240	3.238	ng	# 90
18) Fluorene	15.335	166	791631	3.288	ng	99
20) 4,6-Dinitro-2-methylph...	15.423	198	42760	6.081	ng	# 74
21) 4-Bromophenyl-phenylether	16.239	248	255517	3.362	ng	# 73
22) Hexachlorobenzene	16.348	284	276628	3.024	ng	95
23) Atrazine	16.519	200	202609	6.653	ng	97
24) Pentachlorophenol	16.689	266	132187	5.530	ng	99
25) Phenanthrene	17.078	178	1236135	3.102	ng	100
26) Anthracene	17.164	178	1137617	3.452	ng	100
28) Fluoranthene	19.113	202	1345946	3.093	ng	# 98
30) Pyrene	19.475	202	1395172	4.029	ng	99
32) Benzo(a)anthracene	21.227	228	1371091	4.322	ng	99
33) Chrysene	21.281	228	1330983	3.435	ng	98
36) Indeno(1,2,3-cd)pyrene	25.798	276	1436624	3.982	ng	97
37) Benzo(b)fluoranthene	22.827	252	1383383	3.898	ng	99
38) Benzo(k)fluoranthene	22.872	252	1321755	3.193	ng	99
39) Benzo(a)pyrene	23.406	252	1258274	4.457	ng	98
41) Benzo(g,h,i)perylene	26.497	276	1236499	4.179	ng	97

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

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