Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092821\
Data File : BN016566.D
Acq On : 28 Sep 2021 20:49
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN092821

Quant Time: Sep 29 01:42:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 29 01:39:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	30631	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	134101	0.400	ng	#	0.00
13) Acenaphthene-d10	14.281	164	69254	0.400	ng		0.00
19) Phenanthrene-d10	17.042	188	130368	0.400	ng	#	0.00
29) Chrysene-d12	21.249	240	117694	0.400	ng	#	0.00
35) Perylene-d12	23.505	264	110448	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.282	112	28704	0.377	ng		0.00
5) Phenol-d6	6.840	99	28430	0.371	ng		0.00
8) Nitrobenzene-d5	8.797	82	24041	0.338	ng		0.00
11) 2-Methylnaphthalene-d10	12.021	152	74634	0.391	ng		0.00
14) 2,4,6-Tribromophenol	15.779	330	9797	0.324	ng		0.00
15) 2-Fluorobiphenyl	12.911	172	106303	0.373	ng		0.00
27) Fluoranthene-d10	19.078	212	136445	0.387	ng		0.00
31) Terphenyl-d14	19.693	244	104019	0.410	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.272	88	4345	0.329	ng	#	57
3) n-Nitrosodimethylamine	3.613	42	8993	0.370	ng	#	55
6) bis(2-Chloroethyl)ether	7.098	93	31852	0.395	ng		91
9) Naphthalene	10.470	128	138244	0.382	ng		99
10) Hexachlorobutadiene	10.762	225	27117	0.380	ng	#	98
12) 2-Methylnaphthalene	12.092	142	89257	0.396	ng		99
16) Acenaphthylene	14.002	152	106674	0.347	ng		100
17) Acenaphthene	14.345	154	78350	0.376	ng		94
18) Fluorene	15.335	166	95591	0.376	ng		100
20) 4,6-Dinitro-2-methylph...	15.436	198	1410	0.346	ng		97
21) 4-Bromophenyl-phenylether	16.239	248	29233	0.379	ng	#	74
22) Hexachlorobenzene	16.348	284	35846	0.389	ng		94
23) Atrazine	16.519	200	18028	0.373	ng		95
24) Pentachlorophenol	16.701	266	7326	0.371	ng		99
25) Phenanthrene	17.078	178	151132	0.385	ng		100
26) Anthracene	17.164	178	125548	0.368	ng		100
28) Fluoranthene	19.108	202	168984	0.394	ng	#	98
30) Pyrene	19.475	202	165487	0.412	ng		100
32) Benzo(a)anthracene	21.227	228	144149	0.395	ng		100
33) Chrysene	21.281	228	152193	0.409	ng		99
34) Bis(2-ethylhexyl)phtha...	21.174	149	42966	0.396	ng		100
36) Indeno(1,2,3-cd)pyrene	25.795	276	137736	0.391	ng		97
37) Benzo(b)fluoranthene	22.824	252	147266	0.399	ng		99
38) Benzo(k)fluoranthene	22.868	252	144541	0.402	ng	#	97
39) Benzo(a)pyrene	23.406	252	128959	0.381	ng		99
40) Dibenzo(a,h)anthracene	25.819	278	106859	0.437	ng	#	97
41) Benzo(g,h,i)perylene	26.493	276	123008	0.384	ng		97

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

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