Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101223\
Data File : BN028269.D
Acq On : 12 Oct 2023 20:11
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Oct 13 02:14:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:03:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.886	152	2668	0.400	ng		0.00
7) Naphthalene-d8	10.703	136	8101	0.400	ng		-0.01
13) Acenaphthene-d10	14.534	164	5076	0.400	ng		-0.01
19) Phenanthrene-d10	17.294	188	11056	0.400	ng		#-0.01
29) Chrysene-d12	21.498	240	11438	0.400	ng		0.00
35) Perylene-d12	23.955	264	13377	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.423	112	37160	4.485	ng		0.00
5) Phenol-d6	7.048	99	48882	4.792	ng		0.00
8) Nitrobenzene-d5	9.080	82	38115	5.304	ng		-0.02
11) 2-Methylnaphthalene-d10	12.290	152	64576	5.303	ng		0.00
14) 2,4,6-Tribromophenol	16.040	330	13828	5.586	ng		-0.01
15) 2-Fluorobiphenyl	13.155	172	95723	5.359	ng		-0.01
27) Fluoranthene-d10	19.333	212	157595	5.329	ng		0.00
31) Terphenyl-d14	19.918	244	129032	5.314	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	14737	4.571	ng		95
3) n-Nitrosodimethylamine	3.646	42	17695	5.024	ng	#	99
6) bis(2-Chloroethyl)ether	7.322	93	40099	5.098	ng		97
9) Naphthalene	10.757	128	110247	5.247	ng		97
10) Hexachlorobutadiene	10.970	225	18491	5.128	ng	#	99
12) 2-Methylnaphthalene	12.362	142	79012	5.291	ng		99
16) Acenaphthylene	14.266	152	124437	5.456	ng		100
17) Acenaphthene	14.598	154	76054	5.292	ng		100
18) Fluorene	15.581	166	101915	5.387	ng		96
20) 4,6-Dinitro-2-methylph...	15.705	198	9368	4.982	ng	#	43
21) 4-Bromophenyl-phenylether	16.475	248	31335	5.503	ng	#	81
22) Hexachlorobenzene	16.562	284	31318	5.341	ng		99
23) Atrazine	16.748	200	29235	5.476	ng		94
24) Pentachlorophenol	16.934	266	16624	6.211	ng		94
25) Phenanthrene	17.344	178	159991	5.287	ng		99
26) Anthracene	17.430	178	160203	5.542	ng		100
28) Fluoranthene	19.365	202	195721	5.148	ng		100
30) Pyrene	19.732	202	202785	5.181	ng		100
32) Benzo(a)anthracene	21.480	228	211296	5.200	ng		97
33) Chrysene	21.533	228	205500	5.284	ng		97
34) Bis(2-ethylhexyl)phtha...	21.354	149	152321	4.907	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.525	276	275482	5.108	ng		99
37) Benzo(b)fluoranthene	23.192	252	216146	5.169	ng	#	87
38) Benzo(k)fluoranthene	23.241	252	220306	5.179	ng	#	87
39) Benzo(a)pyrene	23.841	252	217183	5.221	ng	#	86
40) Dibenzo(a,h)anthracene	26.539	278	226378	5.170	ng	#	89
41) Benzo(g,h,i)perylene	27.335	276	231285	5.116	ng		94

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

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