Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024338.D
Acq On : 17 Mar 2023 10:06
Operator : CG/JU
Sample : 01880-03MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE115D2-20230309MS

Quant Time: Mar 17 22:41:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	9675	0.400	ng		0.00
7) Naphthalene-d8	10.856	136	28670	0.400	ng	#	0.00
13) Acenaphthene-d10	14.675	164	13613	0.400	ng		0.00
19) Phenanthrene-d10	17.413	188	28003	0.400	ng	#	0.00
29) Chrysene-d12	21.610	240	18518	0.400	ng		0.00
35) Perylene-d12	24.112	264	13416	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	3266	0.152	ng		0.00
5) Phenol-d6	7.188	99	3316	0.120	ng		0.00
8) Nitrobenzene-d5	9.201	82	5385	0.281	ng		0.00
11) 2-Methylnaphthalene-d10	12.437	152	8283	0.235	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1518	0.218	ng		0.00
15) 2-Fluorobiphenyl	13.296	172	13915	0.271	ng		-0.01
27) Fluoranthene-d10	19.446	212	18055	0.304	ng		0.00
31) Terphenyl-d14	20.034	244	12358	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.432	88	87436	8.306	ng		96
3) n-Nitrosodimethylamine	3.764	42	1935	0.125	ng		95
6) bis(2-Chloroethyl)ether	7.455	93	8786	0.322	ng		95
9) Naphthalene	10.909	128	19374	0.266	ng		99
10) Hexachlorobutadiene	11.197	225	3399	0.246	ng	#	100
12) 2-Methylnaphthalene	12.509	142	11521	0.234	ng		98
16) Acenaphthylene	14.397	152	15056	0.233	ng		100
17) Acenaphthene	14.729	154	10246	0.249	ng		96
18) Fluorene	15.712	166	11738	0.239	ng		99
20) 4,6-Dinitro-2-methylph...	15.787	198	755	0.323	ng		89
21) 4-Bromophenyl-phenylether	16.606	248	3777	0.227	ng	#	87
22) Hexachlorobenzene	16.718	284	5422	0.265	ng		95
23) Atrazine	16.867	200	2955	0.280	ng	#	94
24) Pentachlorophenol	17.065	266	3899	0.442	ng		98
25) Phenanthrene	17.463	178	23774	0.287	ng		99
26) Anthracene	17.549	178	18983	0.248	ng		100
28) Fluoranthene	19.476	202	27025	0.298	ng		99
30) Pyrene	19.838	202	27952	0.372	ng		100
32) Benzo(a)anthracene	21.592	228	19597	0.317	ng		100
33) Chrysene	21.646	228	22126	0.335	ng		99
34) Bis(2-ethylhexyl)phtha...	21.502	149	13238	0.455	ng		97
36) Indeno(1,2,3-cd)pyrene	26.719	276	15666	0.312	ng		97
37) Benzo(b)fluoranthene	23.340	252	19317	0.370	ng	#	94
38) Benzo(k)fluoranthene	23.389	252	18150	0.337	ng	#	94
39) Benzo(a)pyrene	23.992	252	13990	0.292	ng	#	85
40) Dibenzo(a,h)anthracene	26.740	278	11414	0.293	ng		95
41) Benzo(g,h,i)perylene	27.529	276	13433	0.296	ng		96

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

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