Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
Data File : BN024514.D
Acq On : 23 Mar 2023 17:03
Operator : CG/JU
Sample : 01941-06MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT180D1-20230313MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2023
Supervised By :Jagrut Upadhyay 03/24/2023

Quant Time: Mar 24 02:37:20 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 24 02:34:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.026	152	11840	0.400	ng		0.00
7) Naphthalene-d8	10.834	136	33508	0.400	ng	#	0.00
13) Acenaphthene-d10	14.654	164	16789	0.400	ng		0.00
19) Phenanthrene-d10	17.400	188	34602	0.400	ng		0.00
29) Chrysene-d12	21.592	240	24418	0.400	ng		0.00
35) Perylene-d12	24.094	264	20847	0.400	ng	#	0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.577	112	4043	0.154	ng		0.00
5) Phenol-d6	7.181	99	3283	0.097	ng		0.00
8) Nitrobenzene-d5	9.190	82	9621	0.430	ng		0.00
11) 2-Methylnaphthalene-d10	12.422	152	20696m	0.502	ng		0.00
14) 2,4,6-Tribromophenol	16.147	330	4972	0.579	ng		0.00
15) 2-Fluorobiphenyl	13.286	172	25822	0.407	ng		0.00
27) Fluoranthene-d10	19.429	212	33688	0.459	ng		0.00
31) Terphenyl-d14	20.025	244	30356	0.737	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	42605	3.307	ng		97
3) n-Nitrosodimethylamine	3.757	42	2318	0.123	ng		90
6) bis(2-Chloroethyl)ether	7.441	93	12028	0.360	ng		100
9) Naphthalene	10.888	128	31284	0.367	ng		99
10) Hexachlorobutadiene	11.176	225	5712	0.354	ng	#	100
12) 2-Methylnaphthalene	12.493	142	20085	0.349	ng		98
16) Acenaphthylene	14.376	152	29725	0.373	ng		99
17) Acenaphthene	14.718	154	19695	0.389	ng		98
18) Fluorene	15.702	166	25187	0.416	ng		99
20) 4,6-Dinitro-2-methylph...	15.774	198	1285	0.377	ng		99
21) 4-Bromophenyl-phenylether	16.594	248	9249	0.449	ng		96
22) Hexachlorobenzene	16.705	284	12005	0.476	ng		98
23) Atrazine	16.854	200	7634	0.585	ng	#	96
24) Pentachlorophenol	17.053	266	7795	0.636	ng		98
25) Phenanthrene	17.438	178	48669	0.475	ng		100
26) Anthracene	17.537	178	42795	0.452	ng		99
28) Fluoranthene	19.459	202	56410	0.503	ng		99
30) Pyrene	19.821	202	58615	0.592	ng		100
32) Benzo(a)anthracene	21.574	228	45319	0.556	ng		99
33) Chrysene	21.628	228	47509	0.546	ng		99
34) Bis(2-ethylhexyl)phtha...	21.493	149	28347	0.739	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.705	276	39246	0.503	ng		97
37) Benzo(b)fluoranthene	23.328	252	44030	0.543	ng		98
38) Benzo(k)fluoranthene	23.378	252	43095m	0.515	ng		
39) Benzo(a)pyrene	23.983	252	35789	0.481	ng		98
40) Dibenzo(a,h)anthracene	26.728	278	30692	0.507	ng		97
41) Benzo(g,h,i)perylene	27.518	276	34693	0.492	ng		96

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

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