Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041921\
Data File : BE101302.D
Acq On : 19 Apr 2021 14:25
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
mohammad
4/21/2021 8:37:35 AM

Quant Time: Apr 19 16:33:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 19 16:27:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.792	152	2559	0.40	ng		0.00
7) Naphthalene-d8	10.576	136	10932	0.40	ng		0.00
13) Acenaphthene-d10	14.414	164	7036	0.40	ng		0.00
19) Phenanthrene-d10	17.166	188	17851	0.40	ng		0.00
29) Chrysene-d12	21.319	240	19733	0.40	ng		0.00
36) Perylene-d12	23.770	264	19595	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.374	112	771	0.10	ng		-0.01
5) Phenol-d6	6.963	99	1135	0.10	ng		0.00
8) Nitrobenzene-d5	8.939	82	886	0.09	ng		0.01
11) 2-Methylnaphthalene-d10	12.152	152	2478	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.912	330	162	0.08	ng		0.00
15) 2-Fluorobiphenyl	13.031	172	2643	0.11	ng		0.00
27) Fluoranthene-d10	19.179	212	26188	0.08	ng		0.00
31) Terphenyl-d14	19.777	244	4381	0.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.301	88	554	0.13	ng		97
6) bis(2-Chloroethyl)ether	7.216	93	899	0.10	ng		93
9) Naphthalene	10.615	128	12033	0.10	ng		99
10) Hexachlorobutadiene	10.913	225	536	0.11	ng		99
12) 2-Methylnaphthalene	12.224	142	1928	0.09	ng		97
16) Acenaphthylene	14.126	152	2367	0.08	ng		100
17) Acenaphthene	14.472	154	1955	0.10	ng		98
18) Fluorene	15.473	166	2664	0.10	ng		96
20) 4,6-Dinitro-2-methylph...	15.549	198	65	0.04	ng	#	16
21) 4-Bromophenyl-phenylether	16.365	248	891	0.10	ng		96
22) Hexachlorobenzene	16.471	284	905	0.10	ng		99
23) Atrazine	16.637	200	603	0.07	ng	#	89
25) Phenanthrene	17.197	178	5209	0.10	ng		100
26) Anthracene	17.287	178	3978	0.09	ng		99
28) Fluoranthene	19.208	202	5528	0.08	ng		100
30) Pyrene	19.570	202	5752	0.09	ng		99
32) Benzo(a)anthracene	21.307	228	5892	0.10	ng		98
33) Chrysene	21.355	228	6453	0.10	ng		99
34) Bis(2-ethylhexyl)phtha...	21.234	149	7186	0.09	ng		100
35) Indeno(1,2,3-cd)pyrene	26.355	276	6155	0.10	ng		94
37) Benzo(b)fluoranthene	23.018	252	5935	0.09	ng	#	94
38) Benzo(k)fluoranthene	23.068	252	6807m	0.10	ng		
39) Benzo(a)pyrene	23.660	252	5078	0.09	ng	#	94
40) Dibenzo(a,h)anthracene	26.380	278	5334	0.09	ng		95
41) Benzo(g,h,i)perylene	27.147	276	5500	0.09	ng		98

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

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