Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE032421\
Data File : BE101149.D
Acq On : 24 Mar 2021 14:27
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Mar 24 15:11:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 24 13:22:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	5075	0.40	ng		0.00
7) Naphthalene-d8	10.640	136	20142	0.40	ng		0.00
13) Acenaphthene-d10	14.472	164	13240	0.40	ng		0.00
19) Phenanthrene-d10	17.212	188	32950	0.40	ng		#-0.01
29) Chrysene-d12	21.378	240	43244	0.40	ng		0.00
36) Perylene-d12	23.859	264	34251	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.432	112	36372	2.94	ng		0.00
5) Phenol-d6	6.999	99	58065	3.03	ng		0.00
8) Nitrobenzene-d5	8.990	82	40907	3.83	ng		0.00
11) 2-Methylnaphthalene-d10	12.210	152	106519	3.29	ng		0.00
14) 2,4,6-Tribromophenol	15.972	330	9110	3.83	ng		0.00
15) 2-Fluorobiphenyl	13.103	172	151684	3.01	ng		0.00
27) Fluoranthene-d10	19.230	212	1362438	3.17	ng		0.00
31) Terphenyl-d14	19.834	244	298907	3.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.382	88	22813	2.74	ng		95
3) n-Nitrosodimethylamine	3.682	42	27042	3.01	ng	#	98
6) bis(2-Chloroethyl)ether	7.275	93	47124	3.04	ng		100
9) Naphthalene	10.679	128	639092	3.12	ng		100
10) Hexachlorobutadiene	10.978	225	29130	3.14	ng		99
12) 2-Methylnaphthalene	12.282	142	117824	3.37	ng		100
16) Acenaphthylene	14.184	152	177139	3.45	ng		100
17) Acenaphthene	14.529	154	119888	3.26	ng		97
18) Fluorene	15.518	166	159496	3.32	ng		99
21) 4-Bromophenyl-phenylether	16.425	248	48578	3.07	ng	#	92
22) Hexachlorobenzene	16.531	284	50670	3.11	ng		99
24) Pentachlorophenol	16.864	266	16974	4.65	ng		98
25) Phenanthrene	17.257	178	288720	3.14	ng		99
26) Anthracene	17.348	178	271536	3.42	ng		99
28) Fluoranthene	19.259	202	384285	3.19	ng		99
30) Pyrene	19.621	202	392780	3.21	ng		98
32) Benzo(a)anthracene	21.354	228	369719	3.35	ng		99
33) Chrysene	21.414	228	410594	3.15	ng		99
34) Bis(2-ethylhexyl)phtha...	21.305	149	316502	5.38	ng		99
35) Indeno(1,2,3-cd)pyrene	26.485	276	315879	3.79	ng		99
37) Benzo(b)fluoranthene	23.096	252	325045	3.66	ng		99
38) Benzo(k)fluoranthene	23.150	252	389758	3.26	ng		99
39) Benzo(a)pyrene	23.748	252	308105	3.67	ng		98
40) Dibenzo(a,h)anthracene	26.517	278	269172	4.05	ng		98
41) Benzo(g,h,i)perylene	27.291	276	299605	3.51	ng		100

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

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