Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102721\
Data File : BM032760.D
Acq On : 27 Oct 2021 14:37
Operator : CG/JU
Sample : SSTD1.647
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD1.6047

Quant Time: Oct 27 15:07:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM102721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 27 13:55:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	2296	0.400	ng/ul	0.00
4) Naphthalene-d8	10.317	136	8635	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.187	164	5308	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.922	188	11262	0.400	ng/ul	0.00
17) Chrysene-d12	21.101	240	11163	0.400	ng/ul	0.00
23) Perylene-d12	23.227	264	10001	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.910	96	4449	1.729	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.913	152	18553	1.611	ng/ul	0.00
18) Fluoranthene-d10	18.950	212	45852	1.305	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.944	88	4895	1.727	ng/ul#	90
5) Naphthalene	10.366	128	38540	1.472	ng/ul	98
7) 2-Methylnaphthalene	11.985	142	27010	1.577	ng/ul	99
8) 1-Methylnaphthalene	12.210	142	26433	1.562	ng/ul	99
10) Acenaphthylene	13.906	152	31763	1.402	ng/ul	99
11) Acenaphthene	14.251	153	31200	1.510	ng/ul	99
12) Fluorene	15.237	166	36494	1.567	ng/ul	97
14) Pentachlorophenol	16.596	266	5650	1.950	ng/ul	99
15) Phenanthrene	16.963	178	57398	1.516	ng/ul	99
16) Anthracene	17.054	178	49980	1.502	ng/ul	98
19) Fluoranthene	18.977	202	70221	1.271	ng/ul	100
20) Pyrene	19.343	202	70737	1.246	ng/ul	97
21) Benzo(a)anthracene	21.084	228	62856	1.441	ng/ul	99
22) Chrysene	21.135	228	69448	1.447	ng/ul	99
24) Benzo(b)fluoranthene	22.595	252	72316	1.565	ng/ul	88
25) Benzo(k)fluoranthene	22.634	252	74503	1.619	ng/ul#	87
26) Benzo(a)pyrene	23.133	252	60091	1.551	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.318	276	79363	1.676	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.326	278	63871	1.710	ng/ul	93
29) Benzo(g,h,i)perylene	25.963	276	69892	1.694	ng/ul	97

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

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