Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032822\
Data File : BM034395.D
Acq On : 28 Mar 2022 17:13
Operator : CG/JU
Sample : SSTD1.612
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/29/2022
Supervised By :mohammad ahmed 03/29/2022

Quant Time: Mar 28 17:47:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 17:15:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	2935	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	8250	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.574	164	4317	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	7911	0.400	ng/ul	0.00
17) Chrysene-d12	21.498	240	6553	0.400	ng/ul	# 0.00
23) Perylene-d12	23.915	264	6977	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	6251	1.831	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	16652	1.311	ng/ul	0.00
18) Fluoranthene-d10	19.343	212	30641	1.551	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	7009	2.116	ng/ul#	85
5) Naphthalene	10.796	128	34468	1.519	ng/ul#	87
7) 2-Methylnaphthalene	12.407	142	22321	1.394	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	22070	1.386	ng/ul	100
10) Acenaphthylene	14.296	152	31171	1.712	ng/ul#	89
11) Acenaphthene	14.638	153	23621	1.605	ng/ul	94
12) Fluorene	15.624	166	25612	1.437	ng/ul#	95
14) Pentachlorophenol	16.983	266	4777	1.883	ng/ul	97
15) Phenanthrene	17.358	178	37134	1.555	ng/ul	94
16) Anthracene	17.451	178	34049	1.571	ng/ul#	91
19) Fluoranthene	19.371	202	42874	1.596	ng/ul	99
20) Pyrene	19.733	202	45668	1.696	ng/ul	96
21) Benzo(a)anthracene	21.480	228	30990	1.358	ng/ul	98
22) Chrysene	21.533	228	35108	1.448	ng/ul	97
24) Benzo(b)fluoranthene	23.170	252	36287	1.277	ng/ul	92
25) Benzo(k)fluoranthene	23.219	252	37040m	1.282	ng/ul	
26) Benzo(a)pyrene	23.807	252	36279	1.513	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.425	276	47714	1.424	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.445	278	35403	1.294	ng/ul	91
29) Benzo(g,h,i)perylene	27.196	276	45145	1.535	ng/ul	96

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

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