Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111622\
Data File : BM037513.D
Acq On : 16 Nov 2022 18:54
Operator : CG/JU
Sample : SSTD1.689
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Quant Time: Nov 17 00:34:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:28:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	6157	0.400	ng/ul	0.00
4) Naphthalene-d8	10.968	136	17529	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.765	164	11803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.495	188	26357	0.400	ng/ul	0.00
17) Chrysene-d12	21.657	240	22237	0.400	ng/ul	0.00
23) Perylene-d12	24.157	264	22660	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.457	96	10515	1.345	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.541	152	44187	1.677	ng/ul	0.00
18) Fluoranthene-d10	19.508	212	109904	1.580	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.495	88	10913	1.412	ng/ul#	58
5) Naphthalene	11.018	128	80098	1.577	ng/ul	97
7) 2-Methylnaphthalene	12.613	142	55044	1.729	ng/ul	100
8) 1-Methylnaphthalene	12.833	142	56625	1.729	ng/ul	100
10) Acenaphthylene	14.487	152	99292	1.976	ng/ul	99
11) Acenaphthene	14.825	153	69154	1.557	ng/ul	100
12) Fluorene	15.806	166	83495	1.642	ng/ul	99
14) Pentachlorophenol	17.140	266	9313	1.339	ng/ul	99
15) Phenanthrene	17.537	178	135389	1.501	ng/ul	99
16) Anthracene	17.630	178	133502	1.815	ng/ul	99
19) Fluoranthene	19.540	202	161897	1.537	ng/ul	100
20) Pyrene	19.898	202	165743	1.502	ng/ul	99
21) Benzo(a)anthracene	21.640	228	148402	1.547	ng/ul	100
22) Chrysene	21.695	228	147352	1.377	ng/ul	99
24) Benzo(b)fluoranthene	23.388	252	155621	1.197	ng/ul	97
25) Benzo(k)fluoranthene	23.440	252	159253	1.279	ng/ul	97
26) Benzo(a)pyrene	24.043	252	136681	1.257	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.782	276	181862	1.256	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.809	278	143917	1.291	ng/ul	97
29) Benzo(g,h,i)perylene	27.587	276	153040	1.222	ng/ul	98

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

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