Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045566.D
Acq On : 25 Apr 2024 17:14
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4095

Quant Time: Apr 25 17:45:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	704	0.400	ng/ul	0.01
4) Naphthalene-d8	10.336	136	2176	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.205	164	1055	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.980	188	2047	0.400	ng/ul	0.00
17) Chrysene-d12	21.190	240	1762	0.400	ng/ul	0.00
23) Perylene-d12	23.379	264	2528	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	406	0.430	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.947	152	1099	0.383	ng/ul	0.02
18) Fluoranthene-d10	19.015	212	1872	0.337	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.201	88	422	0.465	ng/ul#	81
5) Naphthalene	10.391	128	2287	0.391	ng/ul	99
7) 2-Methylnaphthalene	12.024	142	1300	0.390	ng/ul	98
8) 1-Methylnaphthalene	12.228	142	1385	0.370	ng/ul	97
10) Acenaphthylene	13.932	152	2173	0.418	ng/ul	97
11) Acenaphthene	14.274	153	1503	0.389	ng/ul	98
12) Fluorene	15.283	166	1524	0.369	ng/ul	99
14) Pentachlorophenol	16.659	266	221	0.542	ng/ul	90
15) Phenanthrene	17.022	178	2225	0.373	ng/ul	99
16) Anthracene	17.128	178	2284	0.409	ng/ul	97
19) Fluoranthene	19.048	202	2712	0.334	ng/ul	98
20) Pyrene	19.410	202	2905	0.348	ng/ul	100
21) Benzo(a)anthracene	21.179	228	2486	0.441	ng/ul	99
22) Chrysene	21.228	228	3149	0.364	ng/ul	98
24) Benzo(b)fluoranthene	22.727	252	3273	0.385	ng/ul	98
25) Benzo(k)fluoranthene	22.771	252	4053	0.377	ng/ul	97
26) Benzo(a)pyrene	23.286	252	3510	0.398	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.568	276	5069	0.395	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.585	278	3984	0.392	ng/ul	97
29) Benzo(g,h,i)perylene	26.229	276	4232	0.367	ng/ul	97

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

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