Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045882.D
Acq On : 07 Jun 2024 14:55
Operator : MA/JU
Sample : P2586-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D18MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 15:39:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.476	152	7049	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	23291	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.113	164	12830	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188	26265	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.049	240	17322	0.400	ng/ul	# 0.00
23) Perylene-d12	23.162	264	21736	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	2688	0.335	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.838	152	7395	0.221	ng/ul	0.00
18) Fluoranthene-d10	18.886	212	16828	0.324	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.096	88	6823	0.743	ng/ul#	76
5) Naphthalene	10.288	128	53075	0.872	ng/ul	99
7) 2-Methylnaphthalene	11.910	142	24077	0.620	ng/ul	99
8) 1-Methylnaphthalene	12.135	142	20871	0.495	ng/ul	99
10) Acenaphthylene	13.831	152	84875	1.455	ng/ul	98
11) Acenaphthene	14.174	153	33345	0.778	ng/ul	99
12) Fluorene	15.168	166	43209	0.902	ng/ul	97
14) Pentachlorophenol	16.529	266	4037	0.822	ng/ul	97
15) Phenanthrene	16.896	178	705565	9.568	ng/ul	99
16) Anthracene	16.989	178	141851	2.255	ng/ul	99
19) Fluoranthene	18.918	202	1401064	20.284	ng/ul	97
20) Pyrene	19.281	202	1160186	16.102	ng/ul	96
21) Benzo(a)anthracene	21.032	228	605957	9.530	ng/ul	97
22) Chrysene	21.084	228	678341	9.800	ng/ul	98
24) Benzo(b)fluoranthene	22.539	252	821474m	11.395	ng/ul	
25) Benzo(k)fluoranthene	22.574	252	352020m	4.443	ng/ul	
26) Benzo(a)pyrene	23.069	252	392726	5.478	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.232	276	357078	3.852	ng/ul	93
28) Dibenzo(a,h)anthracene	25.232	278	121522	1.640	ng/ul	96
29) Benzo(g,h,i)perylene	25.859	276	57418	0.718	ng/ul	94

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

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