Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049202.D
Acq On : 25 Dec 2024 02:01
Operator : RC/JU
Sample : P5333-22MSD
Misc :
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Dec 25 02:32:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
E2923MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	6088	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.308	136	18851	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.182	164	10904	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.933	188	23266	0.400	ng/ul	-0.02
17) Chrysene-d12	21.134	240	20662	0.400	ng/ul	-0.01
23) Perylene-d12	23.285	264	22572	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	1616	0.230	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.909	152	4549	0.180	ng/ul	-0.02
18) Fluoranthene-d10	18.968	212	11321	0.193	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.176	88	4525	0.551	ng/ul	91
5) Naphthalene	10.358	128	12219	0.259	ng/ul	99
7) 2-Methylnaphthalene	11.980	142	7214	0.241	ng/ul	96
8) 1-Methylnaphthalene	12.206	142	7183	0.235	ng/ul	99
10) Acenaphthylene	13.899	152	10541	0.233	ng/ul	98
11) Acenaphthene	14.246	153	15403	0.467	ng/ul	100
12) Fluorene	15.241	166	16890	0.454	ng/ul	98
14) Pentachlorophenol	16.591	266	500	0.078	ng/ul	95
15) Phenanthrene	16.971	178	205581	3.383	ng/ul	98
16) Anthracene	17.064	178	53056	0.951	ng/ul	100
19) Fluoranthene	18.996	202	387135	5.182	ng/ul	99
20) Pyrene	19.363	202	240794	3.022	ng/ul	97
21) Benzo(a)anthracene	21.117	228	184356	2.565	ng/ul	100
22) Chrysene	21.170	228	166053	2.153	ng/ul	98
24) Benzo(b)fluoranthene	22.648	252	205344m	2.848	ng/ul	
25) Benzo(k)fluoranthene	22.686	252	92345m	1.167	ng/ul	
26) Benzo(a)pyrene	23.192	252	68410m	0.989	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.414	276	71576	0.731	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.430	278	34735	0.457	ng/ul	99
29) Benzo(g,h,i)perylene	26.064	276	9248	0.117	ng/ul#	90

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

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