Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035596.D
Acq On : 13 Dec 2024 14:30
Operator : RC/JU
Sample : P5153-19MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 13 15:33:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
E28Q4MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	1555	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.037	136	9482	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.954	164	4190	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.726	188	5481	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.982	240	4081	0.400	ng/ul	# 0.02
23) Perylene-d12	23.101	264	5124	0.400	ng/ul	# 0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	1554	1.093	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	2537	0.183	ng/ul	0.00
18) Fluoranthene-d10	18.782	212	5094	0.452	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	2456	1.592	ng/ul#	1
5) Naphthalene	10.086	128	31978	1.339	ng/ul	99
7) 2-Methylnaphthalene	11.719	142	42788	2.583	ng/ul	98
8) 1-Methylnaphthalene	11.945	142	14806	0.885	ng/ul	97
10) Acenaphthylene	13.667	152	10094	0.607	ng/ul#	79
11) Acenaphthene	14.018	153	4209	0.331	ng/ul	90
12) Fluorene	15.022	166	8276	0.554	ng/ul#	90
14) Pentachlorophenol	16.392	266	2120	1.661	ng/ul	96
15) Phenanthrene	16.768	178	78091	5.389	ng/ul	93
16) Anthracene	16.857	178	42433	3.155	ng/ul#	85
19) Fluoranthene	18.814	202	68949	4.853	ng/ul#	93
20) Pyrene	19.181	202	72163	4.880	ng/ul#	91
21) Benzo(a)anthracene	20.967	228	41985	2.965	ng/ul#	64
22) Chrysene	21.020	228	66473	4.665	ng/ul#	73
24) Benzo(b)fluoranthene	22.478	252	82150m	4.850	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	30152m	1.727	ng/ul	
26) Benzo(a)pyrene	23.007	252	40641	2.626	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.165	276	48319	2.311	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.175	278	16522m	1.008	ng/ul	
29) Benzo(g,h,i)perylene	25.789	276	59650	3.619	ng/ul#	60

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

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