Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025248.D
Acq On : 03 May 2023 20:19
Operator : CG/JU
Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW937MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023

Quant Time: May 04 04:31:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7686	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	25067	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.566	164	22018m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	32300	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.492	240	17591m	0.400	ng/ul	-0.01
23) Perylene-d12	24.023	264	56179	0.400	ng/ul	# 0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2064	0.259	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	6685	0.208	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	38832m	0.837	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	5227	0.610	ng/ul#	79
5) Naphthalene	10.781	128	1368779	21.311	ng/ul	99
7) 2-Methylnaphthalene	12.392	142	622346	15.820	ng/ul	99
8) 1-Methylnaphthalene	12.612	142	554142	13.215	ng/ul	99
10) Acenaphthylene	14.289	152	2066846	25.198	ng/ul	99
11) Acenaphthene	14.631	153	2123213	30.709	ng/ul	98
12) Fluorene	15.621	166	3187540	41.239	ng/ul	100
14) Pentachlorophenol	16.989	266	2801	0.442	ng/ul	99
15) Phenanthrene	17.373	178	24855059m	272.620	ng/ul	
16) Anthracene	17.470	178	11299089	151.494	ng/ul	98
19) Fluoranthene	19.397	202	31468145	494.686	ng/ul#	85
20) Pyrene	19.764	202	29030777	444.180	ng/ul#	82
21) Benzo(a)anthracene	21.521	228	19667618	371.029	ng/ul#	89
22) Chrysene	21.582	228	19335750	334.383	ng/ul	93
24) Benzo(b)fluoranthene	23.280	252	26354039m	115.626	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	9444631m	43.080	ng/ul	
26) Benzo(a)pyrene	23.932	252	19476015	103.277	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.639	276	14538691	66.912	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.625	278	4317253	25.437	ng/ul	99
29) Benzo(g,h,i)perylene	27.434	276	13231681	71.618	ng/ul	98

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

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