

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027018.D
 Acq On : 22 Aug 2023 07:54
 Operator : MA/JU
 Sample : 03968-03MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H4MSD

Quant Time: Aug 22 08:23:07 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	9905	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	31108	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	18419	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	41737	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	33912	0.400	ng/ul	# 0.00
23) Perylene-d12	24.187	264	33765	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5274	0.449	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	16419	0.359	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	40108	0.375	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.477	88	11830	0.985	ng/ul	98
5) Naphthalene	10.977	128	34191	0.389	ng/ul	100
7) 2-Methylnaphthalene	12.572	142	19975	0.375	ng/ul	100
8) 1-Methylnaphthalene	12.786	142	20030	0.359	ng/ul	100
10) Acenaphthylene	14.453	152	50854	0.493	ng/ul	99
11) Acenaphthene	14.786	153	25958	0.363	ng/ul	99
12) Fluorene	15.772	166	31061	0.384	ng/ul	99
14) Pentachlorophenol	17.096	266	5470	0.463	ng/ul	99
15) Phenanthrene	17.514	178	341852	2.493	ng/ul	99
16) Anthracene	17.603	178	82143	0.663	ng/ul	100
19) Fluoranthene	19.520	202	945012	6.709	ng/ul	99
20) Pyrene	19.882	202	841519	5.599	ng/ul	99
21) Benzo(a)anthracene	21.626	228	401231	2.975	ng/ul	99
22) Chrysene	21.682	228	490940	3.688	ng/ul	98
24) Benzo(b)fluoranthene	23.398	252	634261m	4.966	ng/ul	
25) Benzo(k)fluoranthene	23.450	252	249492m	1.981	ng/ul	
26) Benzo(a)pyrene	24.070	252	377603	3.277	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.874	276	292850	1.943	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.897	278	83285	0.693	ng/ul	94
29) Benzo(g,h,i)perylene	27.716	276	274544	2.187	ng/ul	99

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

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