

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028657.D
 Acq On : 16 Nov 2023 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4314

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 16 14:09:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 07:25:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	5450m	0.400	ng/ul	0.12
4) Naphthalene-d8	10.490	136	21105m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.325	164	13724m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.089	188	29027m	0.400	ng/ul	0.01
17) Chrysene-d12	21.295	240	20907m	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	19444	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	3183m	0.528	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	9015m	0.284	ng/ul	0.05
18) Fluoranthene-d10	19.122	212	27857	0.414	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.154	88	3191m	0.479	ng/ul	Qvalue
5) Naphthalene	10.534	128	18657m	0.315	ng/ul	
7) 2-Methylnaphthalene	12.173	142	10441m	0.268	ng/ul	
8) 1-Methylnaphthalene	12.365	142	14019m	0.354	ng/ul	
10) Acenaphthylene	14.052	152	24756m	0.361	ng/ul	
11) Acenaphthene	14.390	153	20493m	0.407	ng/ul	
12) Fluorene	15.394	166	19346m	0.330	ng/ul	
14) Pentachlorophenol	16.747	266	2394m	0.344	ng/ul	
15) Phenanthrene	17.132	178	28337m	0.318	ng/ul	
16) Anthracene	17.237	178	38876m	0.475	ng/ul	
19) Fluoranthene	19.150	202	37444	0.421	ng/ul	100
20) Pyrene	19.512	202	43334	0.470	ng/ul	97
21) Benzo(a)anthracene	21.281	228	25793	0.312	ng/ul	98
22) Chrysene	21.333	228	32898	0.407	ng/ul	99
24) Benzo(b)fluoranthene	22.888	252	29141	0.399	ng/ul	92
25) Benzo(k)fluoranthene	22.932	252	35217	0.461	ng/ul	95
26) Benzo(a)pyrene	23.482	252	29865	0.434	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.930	276	34504	0.451	ng/ul	99
28) Dibenzo(a,h)anthracene	25.957	278	25835	0.423	ng/ul	97
29) Benzo(g,h,i)perylene	26.641	276	29778	0.475	ng/ul	98

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

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