

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034440.D
 Acq On : 07 Oct 2024 16:17
 Operator : RC/JU
 Sample : P4109-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4ET6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 07 17:30:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	198550	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	782203	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	487885	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.787	188	987759	20.000	ng/ul	-0.01
79) Chrysene-d12	21.028	240	807396	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	875533	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	6190	1.272	ng/uL	0.00
4) Pyridine-d5	3.405	84	7813m	0.540	ng/ul	0.02
7) Phenol-d5	6.581	99	104272	5.917	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	70055	6.408	ng/ul	0.00
11) 2-Chlorophenol-d4	6.917	132	101274	7.301	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	69493	4.793	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	44929	7.206	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	48928	7.632	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	90552	7.500	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	58069	3.177	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	286023	7.845	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	323968	7.898	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.281	143	23788m	3.179	ng/ul	0.00
60) Fluorene-d10	15.034	176	256620	8.305	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	22387	3.801	ng/ul	0.00
73) Anthracene-d10	16.887	188	388204	8.359	ng/ul	-0.01
81) Pyrene-d10	19.198	212	363273	8.075	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.551	264	216322	4.810	ng/ul	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.193	105	27007	1.176	ng/ul	99
72) Phenanthrene	16.828	178	125670	2.307	ng/ul	98
80) Fluoranthene	18.863	202	251360	4.780	ng/ul	98
82) Pyrene	19.228	202	157818	2.791	ng/ul	97
85) Benzo(a)anthracene	21.010	228	108697	1.888	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	20.975	149	42006	1.132	ng/ul#	92
87) Chrysene	21.063	228	114550m	2.085	ng/ul	
90) Benzo(b)fluoranthene	22.892	252	147510	2.763	ng/ul#	90

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

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