

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
 Data File : BN034450.D
 Acq On : 07 Oct 2024 22:51
 Operator : RC/JU
 Sample : P4131-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4EX8

Manual Integrations APPROVED

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

Quant Time: Oct 08 00:56:08 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	282196	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	1138073	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	679310	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.787	188	1225245	20.000	ng/ul	-0.01
79) Chrysene-d12	21.028	240	955576	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1167803	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	10251	1.482	ng/uL	0.00
4) Pyridine-d5	3.405	84	9483m	0.461	ng/ul	0.02
7) Phenol-d5	6.581	99	181913	7.263	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	123133	7.924	ng/ul	0.00
11) 2-Chlorophenol-d4	6.917	132	177475	9.002	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	140423	6.814	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	83627	9.219	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	90041	9.653	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	158796	9.039	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	67433	2.536	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	503576	9.919	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	573603	10.043	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.275	143	30895m	2.965	ng/ul	0.00
60) Fluorene-d10	15.034	176	426842	9.921	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	32942	4.509	ng/ul	0.00
73) Anthracene-d10	16.887	188	580840	10.083	ng/ul	-0.01
81) Pyrene-d10	19.198	212	461180	8.662	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	340602	5.678	ng/ul	-0.01
Target Compounds						
16) Acetophenone	8.193	105	33267	1.019	ng/ul	97
72) Phenanthrene	16.828	178	391619	5.797	ng/ul	99
74) Anthracene	16.922	178	73817	1.070	ng/ul	97
80) Fluoranthene	18.863	202	936153	15.040	ng/ul	98
82) Pyrene	19.228	202	566930	8.473	ng/ul	95
85) Benzo(a)anthracene	21.010	228	377177	5.536	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	20.975	149	199624	4.545	ng/ul#	98
87) Chrysene	21.063	228	462703	7.118	ng/ul	95
90) Benzo(b)fluoranthene	22.886	252	712915	10.013	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	230372	3.280	ng/ul	99
93) Benzo(a)pyrene	23.604	252	190253	2.829	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.715	276	220470	2.646	ng/ul	96
95) Dibenzo(a,h)anthracene	26.763	278	86996	1.291	ng/ul#	93

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

