

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031637.D
 Acq On : 23 May 2024 18:14
 Operator : MA/JU
 Sample : P2547-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5W8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 23 23:25:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	465297	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1851932	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	958377	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1557156	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1228426	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1482077	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	25029	2.132	ng/uL	0.00
4) Pyridine-d5	3.605	84	230850	7.047	ng/u1	0.00
7) Phenol-d5	6.852	99	427878	11.171	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	287169	12.500	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	354329	12.005	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	259971	8.767	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	165644	11.818	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	147183	10.997	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	290896	11.116	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	304602	8.075	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	839540	13.900	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1023860	13.525	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	61136	5.350	ng/u1	0.00
60) Fluorene-d10	15.322	176	704952	13.468	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	43403	6.447	ng/u1	0.00
73) Anthracene-d10	17.169	188	917475	13.918	ng/u1	0.00
81) Pyrene-d10	19.463	212	980498	12.725	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1008097	14.450	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.393	153	156049	2.756	ng/u1	91
56) Dibenzofuran	14.728	168	126764	1.677	ng/u1	97
61) Fluorene	15.375	166	145865	2.464	ng/u1	97
72) Phenanthrene	17.116	178	3068799	38.833	ng/u1	99
74) Anthracene	17.204	178	525441	6.627	ng/u1	98
77) Carbazole	17.475	167	292306	4.320	ng/u1	98
80) Fluoranthene	19.134	202	4244714	44.567	ng/u1	99
82) Pyrene	19.498	202	3644964	37.318	ng/u1	98
83) Butylbenzylphthalate	20.404	149	34819	1.050	ng/u1	99
85) Benzo(a)anthracene	21.286	228	1849685	22.391	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	194202	4.279	ng/u1	98
87) Chrysene	21.345	228	1821620m	23.873	ng/u1	
90) Benzo(b)fluoranthene	23.316	252	2425378	28.043	ng/u1	98
91) Benzo(k)fluoranthene	23.369	252	846758m	9.604	ng/u1	
93) Benzo(a)pyrene	24.098	252	1740341	20.948	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.539	276	1226609	12.302	ng/u1	98
95) Dibenzo(a,h)anthracene	27.586	278	313890m	3.823	ng/u1	
96) Benzo(g,h,i)perylene	28.562	276	1158875	14.067	ng/u1	98

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

