

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031708.D
 Acq On : 30 May 2024 05:08
 Operator : MA/JU
 Sample : P2569-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH644

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 30 05:40:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	586425	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2520112	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1544570	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2895405	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1697001	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1817369	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	42173	2.975	ng/uL	0.00
4) Pyridine-d5	3.599	84	437253	10.958	ng/u1	0.00
7) Phenol-d5	6.852	99	910456	18.110	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	521809	17.745	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	739158	19.269	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	638579	15.583	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	363155	18.847	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	374704	18.825	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	714842	19.237	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	110505	2.003	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	2127093	19.768	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2501091	20.214	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	299688	13.910	ng/u1	0.00
60) Fluorene-d10	15.316	176	1819887	19.989	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	191074	13.129	ng/u1	0.00
73) Anthracene-d10	17.169	188	2533972	20.442	ng/u1	0.00
81) Pyrene-d10	19.463	212	2353706	25.919	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1777205	20.479	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.045	152	361881	2.588	ng/u1	98
72) Phenanthrene	17.110	178	2085604	14.140	ng/u1	99
74) Anthracene	17.204	178	576771	3.859	ng/u1	99
77) Carbazole	17.474	167	283676	2.226	ng/u1	97
78) Di-n-butylphthalate	18.045	149	218552	1.247	ng/u1	99
80) Fluoranthene	19.127	202	4888207	45.041	ng/u1	100
82) Pyrene	19.492	202	4421347	39.707	ng/u1	100
85) Benzo(a)anthracene	21.280	228	2399215	21.122	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	200349	2.613	ng/u1	97
87) Chrysene	21.345	228	2256597	21.269	ng/u1	96
90) Benzo(b)fluoranthene	23.309	252	2771012	25.509	ng/u1	97
91) Benzo(k)fluoranthene	23.362	252	972833m	9.127	ng/u1	
93) Benzo(a)pyrene	24.104	252	1994233	19.601	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.550	276	1382814	11.795	ng/u1	97
95) Dibenzo(a,h)anthracene	27.592	278	385178m	4.024	ng/u1	
96) Benzo(g,h,i)perylene	28.592	276	1388787	14.902	ng/u1	98

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

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