

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031835.D
 Acq On : 07 Jun 2024 01:48
 Operator : MA/JU
 Sample : P2634-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 07 02:43:11 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	7.669	152	431209	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.457	136	1771878	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	1053767	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1966662	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1167014	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1436785	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	47271	4.535	ng/uL	0.00
4) Pyridine-d5	3.593	84	293592	10.006	ng/u1	0.00
7) Phenol-d5	6.846	99	1042382	28.198	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	568519	26.293	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.204	132	819179	29.042	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	794968	26.382	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	414292	30.580	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.545	143	449934	32.150	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	773831	29.619	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	549523	14.166	ng/u1	-0.01
46) Dimethylphthalate-d6	13.733	166	2234024	30.431	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	2668780	31.616	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	387742	26.379	ng/u1	0.00
60) Fluorene-d10	15.310	176	1926344	31.012	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	204734	20.711	ng/u1	0.00
73) Anthracene-d10	17.163	188	2795799	33.205	ng/u1	0.00
81) Pyrene-d10	19.463	212	2277767	36.474	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1690884	24.646	ng/u1	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.039	152	485595	5.090	ng/u1	99
61) Fluorene	15.369	166	96925	1.404	ng/u1	97
72) Phenanthrene	17.110	178	2495008	24.904	ng/u1	99
74) Anthracene	17.198	178	487378	4.801	ng/u1	98
77) Carbazole	17.469	167	203433	2.350	ng/u1	100
80) Fluoranthene	19.133	202	5207743	69.778	ng/u1	99
82) Pyrene	19.498	202	4545540	59.362	ng/u1	96
83) Butylbenzylphthalate	20.398	149	136326	3.769	ng/u1	97
85) Benzo(a)anthracene	21.286	228	2634419	33.726	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	722112	13.697	ng/u1	99
87) Chrysene	21.345	228	2813873	38.566	ng/u1	95
90) Benzo(b)fluoranthene	23.315	252	3979846	46.342	ng/u1	97
91) Benzo(k)fluoranthene	23.374	252	1429266	16.960	ng/u1	96
93) Benzo(a)pyrene	24.109	252	1861520	23.143	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.556	276	1704323	18.388	ng/u1	98
95) Dibenzo(a,h)anthracene	27.597	278	577327m	7.629	ng/u1	
96) Benzo(g,h,i)perylene	28.586	276	251866m	3.418	ng/u1	

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

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