

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031831.D
 Acq On : 06 Jun 2024 23:11
 Operator : MA/JU
 Sample : P2647-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBT3

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 00:08:59 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	372720	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1550566	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	960297	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1863344	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1131873	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1280732	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	33341	3.701	ng/uL	0.00
4) Pyridine-d5	3.593	84	166688	6.573	ng/u1	0.00
7) Phenol-d5	6.846	99	754473	23.612	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	407953	21.827	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	597651	24.514	ng/u1	-0.01
15) 4-Methylphenol-d8	8.375	113	552234	21.202	ng/u1	-0.01
21) Nitrobenzene-d5	8.828	128	290324	24.488	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	303247	24.762	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	543740	23.782	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	355967	10.486	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	1592204	23.800	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	1893543	24.615	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.528	143	269467	20.117	ng/u1	0.00
60) Fluorene-d10	15.310	176	1422986	25.139	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	143483	15.319	ng/u1	0.00
73) Anthracene-d10	17.163	188	2053642	25.743	ng/u1	0.00
81) Pyrene-d10	19.463	212	1761051	29.075	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1060334	17.338	ng/u1	0.00
Target Compounds						Qvalue
36) 2-Methylnaphthalene	12.122	142	64484	1.176	ng/u1	93
37) 1-Methylnaphthalene	12.340	142	68111	1.238	ng/u1	97
50) Acenaphthylene	14.034	152	104132	1.198	ng/u1#	97
72) Phenanthrene	17.104	178	1164641	12.270	ng/u1	98
74) Anthracene	17.198	178	178712	1.858	ng/u1	97
77) Carbazole	17.469	167	92733	1.131	ng/u1	96
80) Fluoranthene	19.127	202	1849138	25.546	ng/u1	99
82) Pyrene	19.492	202	1404899	18.917	ng/u1	98
83) Butylbenzylphthalate	20.398	149	43848	1.250	ng/u1	98
85) Benzo(a)anthracene	21.280	228	706624	9.327	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	246838	4.827	ng/u1	100
87) Chrysene	21.339	228	800764	11.316	ng/u1	95
90) Benzo(b)fluoranthene	23.310	252	1009708	13.190	ng/u1	96
91) Benzo(k)fluoranthene	23.368	252	314175m	4.182	ng/u1	
93) Benzo(a)pyrene	24.098	252	412947	5.760	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.539	276	385081	4.661	ng/u1	94
95) Dibenzo(a,h)anthracene	27.580	278	135738m	2.012	ng/u1	

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

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