

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031656.D
 Acq On : 24 May 2024 11:42
 Operator : MA/JU
 Sample : P2548-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5Y4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 24 23:03:20 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	7.687	152	491255	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1964485	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1002499	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1662846	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1426872	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1790367	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	31103	2.510	ng/uL	0.00
4) Pyridine-d5	3.605	84	325959	9.424	ng/u1	0.00
7) Phenol-d5	6.852	99	611530	15.122	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	376256	15.513	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	500306	16.056	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	403091	12.876	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	231496	15.570	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	222961	15.704	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	420876	15.161	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	370034	9.247	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	1126667	17.833	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1370342	17.306	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	132112	11.052	ng/u1	0.00
60) Fluorene-d10	15.322	176	952150	17.391	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	68488	9.527	ng/u1	0.00
73) Anthracene-d10	17.169	188	1292414	18.360	ng/u1	0.00
81) Pyrene-d10	19.463	212	1454608	16.253	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1615267	19.167	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.522	128	117319	1.160	ng/u1	99
50) Acenaphthylene	14.045	152	179116	1.960	ng/u1	97
52) Acenaphthene	14.392	153	266873	4.506	ng/u1	89
56) Dibenzofuran	14.728	168	235792	2.982	ng/u1	98
61) Fluorene	15.375	166	239228	3.863	ng/u1	98
72) Phenanthrene	17.116	178	4879398	57.820	ng/u1	99
74) Anthracene	17.204	178	1152987	13.618	ng/u1	98
77) Carbazole	17.475	167	543808	7.527	ng/u1	97
80) Fluoranthene	19.133	202	6819136	61.640	ng/u1	99
82) Pyrene	19.498	202	5862608	51.674	ng/u1	99
83) Butylbenzylphthalate	20.404	149	125816	3.268	ng/u1	99
85) Benzo(a)anthracene	21.286	228	3215408	33.511	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	309295	5.867	ng/u1	99
87) Chrysene	21.345	228	2990876	33.745	ng/u1	95
90) Benzo(b)fluoranthene	23.315	252	4374247	41.868	ng/u1	97
91) Benzo(k)fluoranthene	23.368	252	1146075m	10.761	ng/u1	
93) Benzo(a)pyrene	24.104	252	3121625	31.104	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.539	276	2222501	18.452	ng/u1	99
95) Dibenzo(a,h)anthracene	27.598	278	555173m	5.597	ng/u1	
96) Benzo(g,h,i)perylene	28.568	276	2057267	20.673	ng/u1	96

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

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