

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031655.D
 Acq On : 24 May 2024 11:02
 Operator : MA/JU
 Sample : P2548-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5Y2

Manual Integrations
 APPROVED

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

Quant Time: May 24 22:55:38 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	526664	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2182413	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1163079	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1859220	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1417124	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1748536	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	45191	3.401	ng/uL	0.00
4) Pyridine-d5	3.599	84	595490	16.060	ng/u1	0.00
7) Phenol-d5	6.852	99	973760	22.461	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	559364	21.512	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	739659	22.141	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	757168	22.560	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	374107	22.650	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	362081	22.957	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	705839	22.888	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	991780	22.310	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	1983630	27.063	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2366173	25.756	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	253128	18.252	ng/u1	0.00
60) Fluorene-d10	15.322	176	1622392	25.541	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	127618	15.876	ng/u1	0.00
73) Anthracene-d10	17.169	188	2057568	26.143	ng/u1	0.00
81) Pyrene-d10	19.469	212	2028942	22.826	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2200675	26.738	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.386	153	95601	1.391	ng/u1	92
61) Fluorene	15.375	166	102237	1.423	ng/u1	98
72) Phenanthrene	17.110	178	1629014	17.265	ng/u1	99
74) Anthracene	17.204	178	362034	3.824	ng/u1	98
77) Carbazole	17.475	167	141971	1.757	ng/u1	100
80) Fluoranthene	19.127	202	2150734	19.575	ng/u1	98
82) Pyrene	19.492	202	1824066	16.188	ng/u1	96
85) Benzo(a)anthracene	21.286	228	1007817	10.576	ng/u1	98
87) Chrysene	21.345	228	978078	11.111	ng/u1	98
90) Benzo(b)fluoranthene	23.310	252	1357296	13.302	ng/u1	99
91) Benzo(k)fluoranthene	23.368	252	388388	3.734	ng/u1	96
93) Benzo(a)pyrene	24.098	252	933137	9.520	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.533	276	620811	5.277	ng/u1	96
95) Dibenzo(a,h)anthracene	27.586	278	167464m	1.729	ng/u1	
96) Benzo(g,h,i)perylene	28.550	276	577094	5.938	ng/u1	97

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

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