

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
 Data File : BN031763.D
 Acq On : 03 Jun 2024 17:16
 Operator : MA/JU
 Sample : P2549-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH625

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 18:38:52 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	7.681	152	527982	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	2315447	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1399395	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2529609	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1474233	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1632167	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	51455	4.032	ng/uL	0.00
4) Pyridine-d5	3.593	84	588579	16.383	ng/u1	0.00
7) Phenol-d5	6.852	99	1066005	23.551	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	590876	22.318	ng/u1	0.00
11) 2-Chlorophenol-d4	7.217	132	841960	24.379	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	806649	21.863	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	429620	24.267	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	452431	24.739	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	798352	23.384	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	709421	13.995	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2314680	23.743	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2712915	24.201	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	374061	19.163	ng/u1	0.00
60) Fluorene-d10	15.316	176	1934256	23.449	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	143809	11.310	ng/u1	0.00
73) Anthracene-d10	17.169	188	2662646	24.586	ng/u1	0.00
81) Pyrene-d10	19.469	212	2532243	32.099	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1992283	25.563	ng/u1	0.00
Target Compounds					Qvalue	
6) Benzaldehyde	6.834	77	94753	4.463	ng/u1	98
50) Acenaphthylene	14.046	152	156967	1.239	ng/u1	99
72) Phenanthrene	17.110	178	1051235	8.158	ng/u1	99
74) Anthracene	17.204	178	205045	1.570	ng/u1	99
78) Di-n-butylphthalate	18.045	149	153905	1.005	ng/u1	99
80) Fluoranthene	19.134	202	2373177	25.171	ng/u1	99
82) Pyrene	19.498	202	2166341	22.395	ng/u1	97
83) Butylbenzylphthalate	20.404	149	60189	1.317	ng/u1	93
85) Benzo(a)anthracene	21.286	228	987388	10.006	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	281924	4.233	ng/u1	98
87) Chrysene	21.351	228	1086364	11.786	ng/u1	97
90) Benzo(b)fluoranthene	23.316	252	1501686	15.393	ng/u1	98
91) Benzo(k)fluoranthene	23.375	252	412042m	4.304	ng/u1	
93) Benzo(a)pyrene	24.104	252	992182	10.859	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.557	276	740480	7.033	ng/u1	99
95) Dibenzo(a,h)anthracene	27.598	278	193891m	2.256	ng/u1	
96) Benzo(g,h,i)perylene	28.580	276	658489	7.867	ng/u1	98

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

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