

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031700.D
 Acq On : 29 May 2024 21:17
 Operator : MA/JU
 Sample : P2569-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH698

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 23:41:28 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	7.687	152	495829	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2242142	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1430413	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2869098	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1901354	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1864977	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	36164	3.017	ng/uL	0.00
4) Pyridine-d5	3.599	84	241669	7.163	ng/u1	0.00
7) Phenol-d5	6.852	99	809357	19.041	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	465894	18.738	ng/u1	0.00
11) 2-Chlorophenol-d4	7.217	132	631699	19.477	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	616796	17.801	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	321137	18.732	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	322582	18.216	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	625345	18.915	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	396394	8.075	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2019561	20.266	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2282188	19.917	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	232131	11.634	ng/u1	0.00
60) Fluorene-d10	15.322	176	1744809	20.693	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	181393	12.578	ng/u1	0.00
73) Anthracene-d10	17.169	188	2564475	20.878	ng/u1	0.00
81) Pyrene-d10	19.463	212	2780379	27.327	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1940297	21.788	ng/u1	0.00
Target Compounds	Qvalue					
50) Acenaphthylene	14.046	152	254676	1.967	ng/u1	99
72) Phenanthrene	17.110	178	1526808	10.446	ng/u1	98
74) Anthracene	17.204	178	284450	1.921	ng/u1	98
77) Carbazole	17.475	167	134153	1.062	ng/u1	99
80) Fluoranthene	19.134	202	3198431	26.304	ng/u1	98
82) Pyrene	19.492	202	2990134	23.968	ng/u1	99
83) Butylbenzylphthalate	20.404	149	283963	4.819	ng/u1	95
85) Benzo(a)anthracene	21.286	228	1341001	10.537	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.216	149	537812	6.261	ng/u1	99
87) Chrysene	21.345	228	1527504	12.850	ng/u1	96
90) Benzo(b)fluoranthene	23.316	252	1641020	14.721	ng/u1	99
91) Benzo(k)fluoranthene	23.363	252	700452m	6.403	ng/u1	
93) Benzo(a)pyrene	24.098	252	1196381	11.459	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.533	276	862263	7.167	ng/u1	95
95) Dibenzo(a,h)anthracene	27.586	278	228006m	2.321	ng/u1	
96) Benzo(g,h,i)perylene	28.568	276	843773	8.823	ng/u1	100

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

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