

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031696.D
 Acq On : 29 May 2024 18:40
 Operator : MA/JU
 Sample : P2569-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH647

Manual Integrations
 APPROVED

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

Quant Time: May 29 23:25:02 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	406228	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1874655	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1247650	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2631339	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	2265734	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2411115	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	29371	2.991	ng/uL	0.00
4) Pyridine-d5	3.599	84	109701	3.969	ng/u1	0.00
7) Phenol-d5	6.852	99	540264	15.514	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	343533	16.865	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	443380	16.686	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	355296	12.516	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	226014	15.768	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	203850	13.768	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	420274	15.204	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	354173	8.630	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1494476	17.194	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1714245	17.152	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	98719	5.672	ng/u1	0.00
60) Fluorene-d10	15.316	176	1355936	18.437	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	109574m	8.285	ng/u1	0.00
73) Anthracene-d10	17.169	188	2093051	18.579	ng/u1	0.00
81) Pyrene-d10	19.463	212	2695799	22.234	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2331422	20.250	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.110	178	620375	4.628	ng/u1	98
80) Fluoranthene	19.133	202	2036060	14.052	ng/u1	98
82) Pyrene	19.498	202	1939191	13.044	ng/u1	96
83) Butylbenzylphthalate	20.404	149	177798	2.532	ng/u1	99
85) Benzo(a)anthracene	21.286	228	1115391	7.355	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	25130165m	245.517	ng/u1	
87) Chrysene	21.345	228	1124403	7.938	ng/u1	95
90) Benzo(b)fluoranthene	23.316	252	1499674	10.406	ng/u1	98
91) Benzo(k)fluoranthene	23.369	252	572257m	4.047	ng/u1	
93) Benzo(a)pyrene	24.098	252	983050	7.283	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.533	276	595424	3.828	ng/u1	99
95) Dibenzo(a,h)anthracene	27.568	278	152933	1.204	ng/u1	93
96) Benzo(g,h,i)perylene	28.562	276	549604	4.445	ng/u1	98

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

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