

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030639.D
 Acq On : 03 Apr 2024 22:44
 Operator : MA/JU
 Sample : P1849-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0LY5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/04/2024
 Supervised By :mohammad ahmed 04/06/2024

Quant Time: Apr 03 23:18:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	288143	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1256091	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.333	164	807407	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	1586281	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1024277	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	1110572	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	19708	3.207	ng/uL	0.00
4) Pyridine-d5	3.604	84	76812	4.169	ng/u1	0.00
7) Phenol-d5	6.857	99	459046	19.694	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	275440	19.132	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	369435	20.893	ng/u1	0.00
15) 4-Methylphenol-d8	8.392	113	316065	16.179	ng/u1	0.00
21) Nitrobenzene-d5	8.845	128	185989	21.345	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	189075	23.720	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	376105	21.552	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	6472m	0.225	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	1188266	22.043	ng/u1	0.00
49) Acenaphthylene-d8	14.027	160	1376436	22.208	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	159039	15.424	ng/u1	0.00
60) Fluorene-d10	15.333	176	1092630	23.162	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	98208	14.026	ng/u1	0.00
73) Anthracene-d10	17.180	188	1594846	23.335	ng/u1	0.00
81) Pyrene-d10	19.486	212	1640332	29.787	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	1238575	24.204	ng/u1	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.398	153	63306	1.327	ng/u1	97
61) Fluorene	15.386	166	64424	1.222	ng/u1	97
72) Phenanthrene	17.127	178	1219306	14.961	ng/u1	99
74) Anthracene	17.215	178	226417	2.748	ng/u1	99
77) Carbazole	17.486	167	128492	1.778	ng/u1	94
80) Fluoranthene	19.151	202	2318670	35.419	ng/u1	99
82) Pyrene	19.515	202	1897367	27.444	ng/u1	100
83) Butylbenzylphthalate	20.427	149	55535	2.103	ng/u1	97
85) Benzo(a)anthracene	21.303	228	713041	10.431	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.245	149	1116897	28.685	ng/u1	99
87) Chrysene	21.368	228	849461	13.165	ng/u1	98
90) Benzo(b)fluoranthene	23.345	252	1040679	15.923	ng/u1#	92
91) Benzo(k)fluoranthene	23.397	252	395864m	5.964	ng/u1	
93) Benzo(a)pyrene	24.133	252	660675	10.701	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	27.580	276	550394	8.247	ng/u1	99
95) Dibenzo(a,h)anthracene	27.627	278	130276	2.319	ng/u1#	65
96) Benzo(g,h,i)perylene	28.609	276	506673	9.670	ng/u1	99

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

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