

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031339.D
 Acq On : 01 May 2024 04:29
 Operator : MA/JU
 Sample : P2203-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CY7

Quant Time: May 01 08:29:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 05:16:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	291315	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	1252720	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	791522	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	1553312	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	1071402	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1131127	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	25867	4.134	ng/uL	0.00
4) Pyridine-d5	3.534	84	388334	21.672	ng/u1	0.00
7) Phenol-d5	6.793	99	573009	24.444	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	335760	24.462	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	474335	25.293	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	472062	24.300	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	237257	26.280	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	250854	25.817	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	453870	25.154	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	636411	24.338	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	1399388	26.817	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	1706208	28.180	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.257	176	1217025	27.312	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.116	188	1798003	28.048	ng/u1	0.00
81) Pyrene-d10	19.416	212	1840442	28.206	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1434421	27.392	ng/u1	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.440	128	130690	2.123	ng/u1	100
36) 2-Methylnaphthalene	12.057	142	80445	1.885	ng/u1	95
37) 1-Methylnaphthalene	12.281	142	45295	1.049	ng/u1#	95
72) Phenanthrene	17.057	178	471472	6.133	ng/u1	99
74) Anthracene	17.145	178	85295m	1.110	ng/u1	
80) Fluoranthene	19.081	202	696924	8.909	ng/u1	100
82) Pyrene	19.445	202	633919	7.944	ng/u1	99
85) Benzo(a)anthracene	21.233	228	267339m	3.823	ng/u1	
87) Chrysene	21.292	228	310470	4.739	ng/u1	97
90) Benzo(b)fluoranthene	23.233	252	444129	6.479	ng/u1#	71
91) Benzo(k)fluoranthene	23.286	252	121332	1.800	ng/u1#	58
93) Benzo(a)pyrene	24.010	252	258889	4.223	ng/u1#	77
94) Indeno(1,2,3-cd)pyrene	27.392	276	218507	3.145	ng/u1#	93
95) Dibenzo(a,h)anthracene	27.415	278	61664m	1.069	ng/u1	
96) Benzo(g,h,i)perylene	28.398	276	233062	4.159	ng/u1#	90

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

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