

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031640.D
 Acq On : 23 May 2024 20:13
 Operator : MA/JU
 Sample : P2547-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5N9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 23 23:35:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	396635	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1509463	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	808425	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1524440	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1400198	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1724853	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	27789	2.777	ng/uL	0.00
4) Pyridine-d5	3.605	84	301779	10.807	ng/u1	0.00
7) Phenol-d5	6.852	99	545711	16.714	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	326429	16.669	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	439741	17.479	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	380133	15.039	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	197170	17.259	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	179423	16.447	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	361369	16.942	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	296296	9.637	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	967194	18.984	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	1190444	18.643	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	126541	13.127	ng/u1	0.00
60) Fluorene-d10	15.322	176	834173	18.893	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	62440	9.474	ng/u1	0.00
73) Anthracene-d10	17.169	188	1302211	20.179	ng/u1	0.00
81) Pyrene-d10	19.469	212	1539449	17.528	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1648570	20.305	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.510	105	95003	2.410	ng/u1	98
30) Naphthalene	10.522	128	126536	1.629	ng/u1	98
37) 1-Methylnaphthalene	12.357	142	52842	1.050	ng/u1#	97
50) Acenaphthylene	14.045	152	218307	2.962	ng/u1	99
52) Acenaphthene	14.392	153	206372	4.321	ng/u1	93
56) Dibenzofuran	14.728	168	193788	3.039	ng/u1	100
61) Fluorene	15.375	166	226868	4.543	ng/u1	99
72) Phenanthrene	17.116	178	4824972	62.366	ng/u1	99
74) Anthracene	17.204	178	1020533	13.148	ng/u1	99
77) Carbazole	17.475	167	576385	8.702	ng/u1	99
78) Di-n-butylphthalate	18.045	149	148524	1.953	ng/u1	98
80) Fluoranthene	19.133	202	7667203	70.626	ng/u1	99
82) Pyrene	19.498	202	6644080	59.678	ng/u1	97
83) Butylbenzylphthalate	20.404	149	138342	3.661	ng/u1	98
85) Benzo(a)anthracene	21.286	228	3846497	40.852	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.221	149	267259	5.166	ng/u1	98
87) Chrysene	21.345	228	3641205m	41.865	ng/u1	
90) Benzo(b)fluoranthene	23.321	252	5094710	50.616	ng/u1	99
91) Benzo(k)fluoranthene	23.368	252	1726565	16.827	ng/u1	98
93) Benzo(a)pyrene	24.104	252	3639004	37.637	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.545	276	2543324	21.917	ng/u1	97
95) Dibenzo(a,h)anthracene	27.586	278	643688m	6.736	ng/u1	
96) Benzo(g,h,i)perylene	28.574	276	2390500	24.934	ng/u1	97

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

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