

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032122.D
 Acq On : 21 Jun 2024 08:24
 Operator : MA/JU
 Sample : P2710-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B23

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 21 08:57:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	470994	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	2185173	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.281	164	1429612	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	2600537	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1552165	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	1810963	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	44729	3.929	ng/uL	0.00
4) Pyridine-d5	3.575	84	110525	3.449	ng/u1	0.00
7) Phenol-d5	6.816	99	1110542	27.504	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	587865	24.891	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	960874	31.188	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	962948	29.257	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	500311	29.945	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	565683	32.776	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	999139	31.009	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	736332	15.392	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	3020031	30.323	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	3397382	29.666	ng/u1	0.00
54) 4-Nitrophenol-d4	14.510	143	478997	24.020	ng/u1	0.00
60) Fluorene-d10	15.281	176	2494452	29.601	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	389018	29.761	ng/u1	0.00
73) Anthracene-d10	17.133	188	3446604	30.957	ng/u1	0.00
81) Pyrene-d10	19.439	212	2686319	32.342	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	1836942	21.243	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	6.846	94	51645	1.257	ng/u1#	92
16) Acetophenone	8.463	105	110788	2.221	ng/u1	97
30) Naphthalene	10.463	128	233115	2.061	ng/u1	98
36) 2-Methylnaphthalene	12.081	142	167422	2.166	ng/u1	99
37) 1-Methylnaphthalene	12.304	142	134339	1.732	ng/u1	96
52) Acenaphthene	14.345	153	536500	6.265	ng/u1	99
56) Dibenzofuran	14.681	168	408756	3.513	ng/u1	99
61) Fluorene	15.334	166	392992	4.195	ng/u1	91
72) Phenanthrene	17.080	178	6968041	52.599	ng/u1	100
74) Anthracene	17.169	178	1054592	7.856	ng/u1	100
77) Carbazole	17.439	167	659385	5.761	ng/u1	99
80) Fluoranthene	19.104	202	7528306	75.841	ng/u1	95
82) Pyrene	19.469	202	5668224	55.655	ng/u1	94
85) Benzo(a)anthracene	21.251	228	2826130	27.202	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.174	149	272039	3.880	ng/u1	97
87) Chrysene	21.316	228	3317624	34.187	ng/u1	97
90) Benzo(b)fluoranthene	23.268	252	3707356	34.250	ng/u1	97
91) Benzo(k)fluoranthene	23.321	252	1164875	10.967	ng/u1	98
93) Benzo(a)pyrene	24.051	252	1385890	13.670	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.468	276	1175074	10.058	ng/u1	96
95) Dibenzo(a,h)anthracene	27.503	278	437794m	4.590	ng/u1	
96) Benzo(g,h,i)perylene	28.492	276	166399m	1.792	ng/u1	

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

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