

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031869.D
 Acq On : 08 Jun 2024 22:25
 Operator : MA/JU
 Sample : PB161173BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS173

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 05:58:05 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	7.669	152	420208	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1752647	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1052756	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1931095	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1228688	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1454641	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	63071	6.209	ng/uL	-0.01
4) Pyridine-d5	3.587	84	909460	31.808	ng/u1	-0.01
7) Phenol-d5	6.851	99	1259298	34.958	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	676085	32.086	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.204	132	1033809	37.611	ng/u1	-0.01
15) 4-Methylphenol-d8	8.387	113	977623	33.292	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	514302	38.379	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.545	143	557078	40.243	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	964801	37.333	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	1314587	34.261	ng/u1	-0.01
46) Dimethylphthalate-d6	13.733	166	2607797	35.557	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	3117261	36.964	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	511312	34.820	ng/u1	0.01
60) Fluorene-d10	15.310	176	2185608	35.220	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	350428	36.102	ng/u1	0.00
73) Anthracene-d10	17.163	188	2983953	36.093	ng/u1	0.00
81) Pyrene-d10	19.462	212	2757956	41.946	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2689218	38.716	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	139486	12.835	ng/uL	97
5) Pyridine	3.604	79	939696	32.870	ng/u1	98
6) Benzaldehyde	6.822	77	758892	44.914	ng/u1	99
8) Phenol	6.875	94	1343068	36.634	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.104	93	1014015	33.450	ng/u1	98
12) 2-Chlorophenol	7.240	128	1082097	37.620	ng/u1	99
13) 2-Methylphenol	8.116	108	987330	34.868	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.198	45	1145452	32.824	ng/u1	99
16) Acetophenone	8.498	105	1534623	34.484	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.487	70	723744	31.384	ng/u1	97
18) 4-Methylphenol	8.451	108	1087586	35.432	ng/u1	99
19) Hexachloroethane	8.734	117	412406	33.858	ng/u1	96
22) Nitrobenzene	8.875	77	1162067	36.397	ng/u1	96
23) Isophorone	9.398	82	2133399	32.574	ng/u1	97
25) 2-Nitrophenol	9.575	139	618370	40.887	ng/u1	98
26) 2,4-Dimethylphenol	9.639	107	686173	23.322	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.875	93	1323950	32.435	ng/u1	100
29) 2,4-Dichlorophenol	10.110	162	988487	38.738	ng/u1	99
30) Naphthalene	10.504	128	3292563	36.299	ng/u1	99
32) 4-Chloroaniline	10.622	127	1236241	33.185	ng/u1	95
33) Hexachlorobutadiene	10.781	225	560941	36.602	ng/u1	94
34) Caprolactam	11.422	113	359485m	36.093	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	1097406	36.793	ng/u1	98
36) 2-Methylnaphthalene	12.122	142	2266180	36.551	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.345	142	2268049	36.458	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.492	216	1124168	40.377	ng/ul	94
40) Hexachlorocyclopentadiene	12.463	237	164540	10.254	ng/ul	98
41) 2,4,6-Trichlorophenol	12.739	196	771568	40.829	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	838999	40.856	ng/ul	95
43) 1,1'-Biphenyl	13.145	154	2855412	38.561	ng/ul	97
44) 2-Chloronaphthalene	13.186	162	2224558	38.356	ng/ul	98
45) 2-Nitroaniline	13.404	65	685493	40.774	ng/ul	92
47) Dimethylphthalate	13.780	163	2672324	35.628	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	600097	40.250	ng/ul	98
50) Acenaphthylene	14.039	152	3576545	37.527	ng/ul	99
51) 3-Nitroaniline	14.233	138	697336	43.745	ng/ul	93
52) Acenaphthene	14.380	153	2313308	36.684	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	254609	33.827	ng/ul	99
55) 4-Nitrophenol	14.551	109	395585	36.315	ng/ul	96
56) Dibenzofuran	14.716	168	3257260	38.018	ng/ul	98
57) 2,4-Dinitrotoluene	14.698	165	849363	38.825	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.945	232	640714	37.300	ng/ul	97
59) Diethylphthalate	15.151	149	2685751	34.701	ng/ul	99
61) Fluorene	15.369	166	2502813	36.276	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.363	204	1185571	35.478	ng/ul	98
63) 4-Nitroaniline	15.404	138	666348	43.911	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.463	198	394027	38.186	ng/ul	98
67) N-Nitrosodiphenylamine	15.580	169	2261435	42.485	ng/ul	98
68) 4-Bromophenyl-phenylether	16.257	248	799423	42.726	ng/ul	96
69) Hexachlorobenzene	16.363	284	846296	39.908	ng/ul	98
70) Atrazine	16.539	200	621176	36.960	ng/ul	99
71) Pentachlorophenol	16.716	266	498007	36.705	ng/ul	97
72) Phenanthrene	17.110	178	3727741	37.894	ng/ul	100
74) Anthracene	17.198	178	3575471	35.870	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	1100334	44.269	ng/ul	98
76) Pentachlorobenzene	14.633	250	1081678	44.679	ng/ul	97
77) Carbazole	17.474	167	3281552	38.609	ng/ul	98
78) Di-n-butylphthalate	18.039	149	4404261	37.664	ng/ul	100
80) Fluoranthene	19.127	202	3610267	45.945	ng/ul	98
82) Pyrene	19.492	202	3583361	44.447	ng/ul	98
83) Butylbenzylphthalate	20.398	149	1598032	41.967	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.209	252	1010298	42.879	ng/ul	97
85) Benzo(a)anthracene	21.280	228	3262361	39.668	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.204	149	2194268	39.531	ng/ul	97
87) Chrysene	21.345	228	3112441	40.516	ng/ul	99
89) Di-n-octyl phthalate	22.315	149	3652803	37.509	ng/ul	100
90) Benzo(b)fluoranthene	23.309	252	3340913	38.425	ng/ul	98
91) Benzo(k)fluoranthene	23.368	252	3330861	39.040	ng/ul	98
93) Benzo(a)pyrene	24.103	252	2895934	35.562	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.556	276	4035157	43.001	ng/ul	97
95) Dibenzo(a,h)anthracene	27.609	278	3280961	42.826	ng/ul	97
96) Benzo(g,h,i)perylene	28.591	276	3154653	42.290	ng/ul	96

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

