

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023782.D
 Acq On : 24 Jan 2023 18:14
 Operator : CG/JU
 Sample : PB150410BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS410

Quant Time: Jan 24 23:58:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 23:52:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/25/2023
 Supervised By :Yogesh Patel 01/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	226839	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	960912	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	584351	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	1118894	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1178261	20.000	ng/u1	0.00
88) Perylene-d12	23.904	264	1226549	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	26353	4.999	ng/uL	0.00
4) Pyridine-d5	3.693	84	360323	22.782	ng/u1	0.00
7) Phenol-d5	7.052	99	502883	25.014	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	308175	24.987	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	405486	26.335	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	399771	24.913	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	198978	27.460	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	221624	28.893	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	387166	26.462	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	498142	21.645	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1142007	26.272	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	1282450	26.627	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	224865	25.410	ng/u1	0.00
60) Fluorene-d10	15.528	176	912600	24.570	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	191155	28.320	ng/u1	0.00
73) Anthracene-d10	17.386	188	1297248	25.909	ng/u1	0.00
81) Pyrene-d10	19.680	212	1569527	23.292	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	1634218	26.942	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	51038	9.172	ng/uL	98
5) Pyridine	3.711	79	359542	22.207	ng/u1	97
6) Benzaldehyde	7.028	77	285067	36.613	ng/u1	100
8) Phenol	7.081	94	499727	24.419	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.310	93	394185	24.378	ng/u1	99
12) 2-Chlorophenol	7.452	128	399986	25.138	ng/u1	98
13) 2-Methylphenol	8.340	108	370128	24.033	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	530567	24.534	ng/u1	98
16) Acetophenone	8.722	105	592749	23.900	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.704	70	312859	25.054	ng/u1	99
18) 4-Methylphenol	8.669	108	407650	24.036	ng/u1	98
19) Hexachloroethane	8.969	117	163276	25.657	ng/u1	96
22) Nitrobenzene	9.099	77	460688	25.403	ng/u1	99
23) Isophorone	9.628	82	868305	26.474	ng/u1	99
25) 2-Nitrophenol	9.816	139	227421	26.673	ng/u1	98
26) 2,4-Dimethylphenol	9.875	107	437072	25.259	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.110	93	533250	25.066	ng/u1	100
29) 2,4-Dichlorophenol	10.346	162	373720	25.528	ng/u1	97
30) Naphthalene	10.751	128	1261290	24.417	ng/u1	99
32) 4-Chloroaniline	10.863	127	477179	20.703	ng/u1	98
33) Hexachlorobutadiene	11.028	225	229696	25.367	ng/u1	100
34) Caprolactam	11.651	113	125996m	25.625	ng/u1	
35) 4-Chloro-3-methylphenol	11.993	107	414891	25.991	ng/u1	99
36) 2-Methylnaphthalene	12.363	142	841649	24.442	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	854246	24.282	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.728	216	440230	25.473	ng/u1	99
40) Hexachlorocyclopentadiene	12.704	237	276062	25.344	ng/u1	99
41) 2,4,6-Trichlorophenol	12.969	196	297137	26.083	ng/u1	98
42) 2,4,5-Trichlorophenol	13.045	196	327276	26.269	ng/u1	93
43) 1,1'-Biphenyl	13.369	154	1106490	24.544	ng/u1	99
44) 2-Chloronaphthalene	13.416	162	867803	24.811	ng/u1	99
45) 2-Nitroaniline	13.628	65	277334	28.752	ng/u1	99
47) Dimethylphthalate	13.998	163	1102506	25.241	ng/u1	99
48) 2,6-Dinitrotoluene	14.122	165	229853	27.835	ng/u1	99
50) Acenaphthylene	14.263	152	1341271	25.045	ng/u1	99
51) 3-Nitroaniline	14.451	138	223216	26.975	ng/u1	100
52) Acenaphthene	14.604	153	934579	24.753	ng/u1	99
53) 2,4-Dinitrophenol	14.657	184	119674	22.174	ng/u1	97
55) 4-Nitrophenol	14.757	109	175365	24.539	ng/u1	98
56) Dibenzofuran	14.934	168	1284555	24.443	ng/u1	97
57) 2,4-Dinitrotoluene	14.904	165	333159	27.637	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.163	232	277573	26.001	ng/u1	99
59) Diethylphthalate	15.363	149	1147395	26.223	ng/u1	98
61) Fluorene	15.586	166	999643	23.489	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.581	204	490845	23.692	ng/u1	100
63) 4-Nitroaniline	15.616	138	233474	30.645	ng/u1	96
66) 4,6-Dinitro-2-methylph...	15.669	198	186052	27.931	ng/u1	99
67) N-Nitrosodiphenylamine	15.798	169	814871	25.951	ng/u1	99
68) 4-Bromophenyl-phenylether	16.475	248	297418	26.519	ng/u1	95
69) Hexachlorobenzene	16.586	284	356628	27.135	ng/u1	97
70) Atrazine	16.751	200	336303	28.617	ng/u1	99
71) Pentachlorophenol	16.933	266	227753	27.153	ng/u1	98
72) Phenanthrene	17.328	178	1503995	25.086	ng/u1	100
74) Anthracene	17.422	178	1493281	25.027	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	428606	28.452	ng/uL	96
76) Pentachlorobenzene	14.857	250	427405	28.325	ng/uL	97
77) Carbazole	17.692	167	1414786	26.114	ng/u1	99
78) Di-n-butylphthalate	18.251	149	1837250	28.563	ng/u1	100
80) Fluoranthene	19.345	202	1814635	23.023	ng/u1	97
82) Pyrene	19.710	202	1856765	22.304	ng/u1	99
83) Butylbenzylphthalate	20.610	149	979727	29.726	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.398	252	664423	25.814	ng/u1#	95
85) Benzo(a)anthracene	21.463	228	2068027	25.911	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	1440481	30.102	ng/u1	99
87) Chrysene	21.516	228	1897179	25.352	ng/u1	98
89) Di-n-octyl phthalate	22.316	149	2468566	29.161	ng/u1	100
90) Benzo(b)fluoranthene	23.163	252	2085235	26.689	ng/u1	99
91) Benzo(k)fluoranthene	23.210	252	1983125	25.662	ng/u1	99
93) Benzo(a)pyrene	23.792	252	1742634	25.718	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.409	276	2013286	24.042	ng/u1	99
95) Dibenzo(a,h)anthracene	26.433	278	1681775	24.289	ng/u1	98
96) Benzo(g,h,i)perylene	27.192	276	1604894	24.065	ng/u1	98

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

