

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
 Data File : BP016633.D
 Acq On : 18 Aug 2023 09:00
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020690

Quant Time: Aug 18 22:27:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 17 01:38:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	288718	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1366411	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	859377	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	1916594	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	1861857	20.000	ng/u1	0.01
88) Perylene-d12	24.162	264	2095843	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	65228	8.585	ng/uL	0.00
4) Pyridine-d5	3.828	84	473212	20.471	ng/u1	0.00
7) Phenol-d5	7.193	99	552712	20.765	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	361234	20.605	ng/u1	0.00
11) 2-Chlorophenol-d4	7.569	132	418634	21.897	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	451949	21.354	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	212731	22.126	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	221429	24.248	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	406552	22.623	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	653828	21.205	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1340118	21.560	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1535062	21.880	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	282846	22.337	ng/u1	0.00
60) Fluorene-d10	15.698	176	1110890	20.964	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	205571	22.546	ng/u1	0.00
73) Anthracene-d10	17.569	188	1765540	21.297	ng/u1	0.00
81) Pyrene-d10	19.804	212	2065907	21.176	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2120170	21.109	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	71025	8.502	ng/uL	96
5) Pyridine	3.846	79	491089	20.475	ng/u1	97
6) Benzaldehyde	7.205	77	360145	24.545	ng/u1	97
8) Phenol	7.222	94	580652	20.410	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.481	93	478993	20.843	ng/u1	98
12) 2-Chlorophenol	7.604	128	430177	21.385	ng/u1	96
13) 2-Methylphenol	8.487	108	440454	21.314	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	662073	20.671	ng/u1	98
16) Acetophenone	8.899	105	736257	21.542	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.869	70	413419	22.554	ng/u1	99
18) 4-Methylphenol	8.822	108	480109	21.139	ng/u1	98
19) Hexachloroethane	9.128	117	179021	21.301	ng/u1	99
22) Nitrobenzene	9.293	77	571400	21.230	ng/u1	97
23) Isophorone	9.804	82	1154880	22.718	ng/u1	99
25) 2-Nitrophenol	9.998	139	247185	23.678	ng/u1	98
26) 2,4-Dimethylphenol	10.034	107	530004	21.536	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.293	93	688868	21.140	ng/u1	99
29) 2,4-Dichlorophenol	10.516	162	410563	22.205	ng/u1	99
30) Naphthalene	10.934	128	1471739	20.615	ng/u1	99
32) 4-Chloroaniline	11.063	127	647144	21.190	ng/u1	100
33) Hexachlorobutadiene	11.169	225	238674	21.414	ng/u1	100
34) Caprolactam	11.869	113	166341	23.125	ng/u1	98
35) 4-Chloro-3-methylphenol	12.157	107	512916	22.695	ng/u1	99
36) 2-Methylnaphthalene	12.534	142	1006364	21.044	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	1021710	21.219	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.881	216	482050	20.971	ng/ul	99
40) Hexachlorocyclopentadiene	12.834	237	275183	19.676	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	329447	23.030	ng/ul	99
42) 2,4,5-Trichlorophenol	13.198	196	359258	23.168	ng/ul	99
43) 1,1'-Biphenyl	13.539	154	1317530	20.626	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	1028987	20.704	ng/ul	99
45) 2-Nitroaniline	13.816	65	348017	23.159	ng/ul	91
47) Dimethylphthalate	14.163	163	1340567	21.094	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	261790	23.782	ng/ul	96
50) Acenaphthylene	14.434	152	1759328	21.293	ng/ul	99
51) 3-Nitroaniline	14.639	138	285288	23.114	ng/ul	95
52) Acenaphthene	14.769	153	1136936	20.556	ng/ul	99
53) 2,4-Dinitrophenol	14.834	184	125927	20.549	ng/ul	98
55) 4-Nitrophenol	14.922	109	224961	21.853	ng/ul	98
56) Dibenzofuran	15.104	168	1551565	20.561	ng/ul	98
57) 2,4-Dinitrotoluene	15.081	165	389235	23.613	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.316	232	310386	23.890	ng/ul	97
59) Diethylphthalate	15.516	149	1382195	21.271	ng/ul	99
61) Fluorene	15.757	166	1293122	20.899	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	606852	20.893	ng/ul	98
63) 4-Nitroaniline	15.804	138	285482	24.169	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.833	198	224157	22.172	ng/ul	98
67) N-Nitrosodiphenylamine	15.969	169	1104172	21.254	ng/ul	100
68) 4-Bromophenyl-phenylether	16.651	248	369388	21.586	ng/ul	97
69) Hexachlorobenzene	16.733	284	423161	21.163	ng/ul	99
70) Atrazine	16.922	200	413268	22.111	ng/ul	99
71) Pentachlorophenol	17.092	266	280182	22.759	ng/ul	98
72) Phenanthrene	17.516	178	2079889	20.598	ng/ul	100
74) Anthracene	17.604	178	2129440	20.996	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.492	216	512916	21.058	ng/ul	97
76) Pentachlorobenzene	14.998	250	462446	21.160	ng/ul	98
77) Carbazole	17.886	167	2006744	21.470	ng/ul	99
78) Di-n-butylphthalate	18.398	149	2492376	23.036	ng/ul	100
80) Fluoranthene	19.474	202	2479983	21.299	ng/ul	99
82) Pyrene	19.833	202	2583079	21.009	ng/ul	97
83) Butylbenzylphthalate	20.692	149	1200957	24.247	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.492	252	908891	22.418	ng/ul	100
85) Benzo(a)anthracene	21.557	228	2622355	20.957	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.433	149	1796427	24.991	ng/ul#	99
87) Chrysene	21.610	228	2423785	20.700	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	3142218	24.027	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	2625049	21.035	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	2547254	20.575	ng/ul	98
93) Benzo(a)pyrene	24.045	252	2429497	20.638	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.909	276	2572272	18.514	ng/ul	98
95) Dibenzo(a,h)anthracene	26.945	278	2148445	18.582	ng/ul	99
96) Benzo(g,h,i)perylene	27.774	276	2000490	18.091	ng/ul	97

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

