

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014810.D
 Acq On : 22 Apr 2023 02:59
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020684

Quant Time: Apr 22 04:00:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 22 04:00:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	349376	20.000	ng/u1	0.00
20) Naphthalene-d8	11.022	136	1482526	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.816	164	900772	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1786167	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	1276065	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1305742	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	64948	7.388	ng/uL	0.00
4) Pyridine-d5	3.934	84	458922	19.175	ng/u1	0.00
7) Phenol-d5	7.328	99	579540	19.185	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.505	67	355883	19.097	ng/u1	0.00
11) 2-Chlorophenol-d4	7.710	132	453580	20.219	ng/u1	0.00
15) 4-Methylphenol-d8	8.893	113	468820	19.908	ng/u1	0.00
21) Nitrobenzene-d5	9.363	128	215328	23.179	ng/u1	0.00
24) 2-Nitrophenol-d4	10.093	143	216592	25.814	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.628	165	462449	20.299	ng/u1	0.00
31) 4-Chloroaniline-d4	11.151	131	656024	18.866	ng/u1	0.00
46) Dimethylphthalate-d6	14.216	166	1347310	18.890	ng/u1	0.00
49) Acenaphthylene-d8	14.510	160	1594500	19.290	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	215042	18.955	ng/u1	0.00
60) Fluorene-d10	15.804	176	1149054	18.775	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	161070	22.283	ng/u1	0.00
73) Anthracene-d10	17.663	188	1642260	19.032	ng/u1	0.00
81) Pyrene-d10	19.875	212	1655131	22.642	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.063	264	1300952	19.223	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.540	88	71230	7.503	ng/uL	95
5) Pyridine	3.958	79	474961	19.780	ng/u1	94
6) Benzaldehyde	7.316	77	334225	22.369	ng/u1	93
8) Phenol	7.352	94	610155	19.352	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.599	93	500039	19.559	ng/u1	99
12) 2-Chlorophenol	7.746	128	472185	20.128	ng/u1	97
13) 2-Methylphenol	8.628	108	455404	19.298	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.716	45	616081	18.874	ng/u1	99
16) Acetophenone	9.022	105	776784	19.830	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.004	70	371335	19.490	ng/u1#	97
18) 4-Methylphenol	8.957	108	506153	19.739	ng/u1	95
19) Hexachloroethane	9.287	117	192404	19.470	ng/u1	98
22) Nitrobenzene	9.404	77	542503	21.492	ng/u1	97
23) Isophorone	9.934	82	1057216	18.549	ng/u1	99
25) 2-Nitrophenol	10.122	139	249693	25.055	ng/u1	98
26) 2,4-Dimethylphenol	10.175	107	553317	19.913	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.416	93	685406	19.410	ng/u1	100
29) 2,4-Dichlorophenol	10.657	162	466300	20.279	ng/u1	97
30) Naphthalene	11.075	128	1599992	19.257	ng/u1	99
32) 4-Chloroaniline	11.175	127	660646	18.754	ng/u1	99
33) Hexachlorobutadiene	11.357	225	302161	18.578	ng/u1	97
34) Caprolactam	11.934	113	123881	17.792	ng/u1	95
35) 4-Chloro-3-methylphenol	12.275	107	477542	19.871	ng/u1	96
36) 2-Methylnaphthalene	12.663	142	1064968	19.200	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.881	142	1058692	19.253	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.022	216	587890	19.394	ng/ul	97
40) Hexachlorocyclopentadiene	13.004	237	342544	19.971	ng/ul	100
41) 2,4,6-Trichlorophenol	13.257	196	355051	20.679	ng/ul	100
42) 2,4,5-Trichlorophenol	13.322	196	389173	20.952	ng/ul	98
43) 1,1'-Biphenyl	13.657	154	1444076	19.771	ng/ul	99
44) 2-Chloronaphthalene	13.698	162	1122008	19.659	ng/ul	99
45) 2-Nitroaniline	13.892	65	262194	24.268	ng/ul	98
47) Dimethylphthalate	14.263	163	1351694	18.815	ng/ul	99
48) 2,6-Dinitrotoluene	14.387	165	232869	23.764	ng/ul	91
50) Acenaphthylene	14.539	152	1726490	19.273	ng/ul	99
51) 3-Nitroaniline	14.716	138	243924	21.885	ng/ul#	97
52) Acenaphthene	14.881	153	1183490	19.376	ng/ul	99
53) 2,4-Dinitrophenol	14.916	184	98189	20.709	ng/ul	91
55) 4-Nitrophenol	14.998	109	171531	18.432	ng/ul	98
56) Dibenzofuran	15.210	168	1640667	19.085	ng/ul	98
57) 2,4-Dinitrotoluene	15.163	165	332992	23.160	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.434	232	311983	19.780	ng/ul	97
59) Diethylphthalate	15.622	149	1278529	18.341	ng/ul	99
61) Fluorene	15.863	166	1319852	18.809	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.851	204	667139	18.592	ng/ul	99
63) 4-Nitroaniline	15.869	138	222668	19.988	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.928	198	168328	21.875	ng/ul#	90
67) N-Nitrosodiphenylamine	16.063	169	1088062	20.442	ng/ul	99
68) 4-Bromophenyl-phenylether	16.745	248	393503	19.657	ng/ul	96
69) Hexachlorobenzene	16.863	284	442219	19.039	ng/ul	96
70) Atrazine	17.010	200	348159	18.417	ng/ul	100
71) Pentachlorophenol	17.204	266	229253	18.132	ng/ul	98
72) Phenanthrene	17.604	178	1930108	19.173	ng/ul	99
74) Anthracene	17.698	178	1956620	19.172	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.622	216	601153	21.553	ng/ul	99
76) Pentachlorobenzene	15.134	250	567041	20.612	ng/ul	98
77) Carbazole	17.957	167	1629761	18.191	ng/ul	99
78) Di-n-butylphthalate	18.492	149	1859713	18.284	ng/ul	100
80) Fluoranthene	19.551	202	1974933	23.222	ng/ul	100
82) Pyrene	19.904	202	2036910	22.633	ng/ul	100
83) Butylbenzylphthalate	20.751	149	569805	23.192	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	538302	18.842	ng/ul	98
85) Benzo(a)anthracene	21.616	228	1757332	19.812	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.516	149	800689	19.319	ng/ul	99
87) Chrysene	21.669	228	1648985	19.638	ng/ul	99
89) Di-n-octyl phthalate	22.510	149	1251000	17.708	ng/ul	100
90) Benzo(b)fluoranthene	23.427	252	1691117	19.882	ng/ul	99
91) Benzo(k)fluoranthene	23.480	252	1625582	19.109	ng/ul	99
93) Benzo(a)pyrene	24.115	252	1476481	19.545	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.998	276	1970923	20.046	ng/ul	98
95) Dibenzo(a,h)anthracene	27.015	278	1653865	20.086	ng/ul	98
96) Benzo(g,h,i)perylene	27.851	276	1588446	20.200	ng/ul	99

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

