

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
 Data File : BP014737.D
 Acq On : 19 Apr 2023 19:30
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020678

Quant Time: Apr 20 02:34:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 02:32:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	257210	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	1026065	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.787	164	607707	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.534	188	1233106	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1130141	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1216892	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	54330	8.395	ng/uL	0.00
4) Pyridine-d5	3.917	84	375464	21.309	ng/u1	0.00
7) Phenol-d5	7.287	99	444404	19.983	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	277022	20.192	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	352632	21.351	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	338470	19.523	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	152612	23.736	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	145483	25.053	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	336112	21.317	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	483938	20.109	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	970006	20.159	ng/u1	0.00
49) Acenaphthylene-d8	14.481	160	1167996	20.945	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	151145	19.748	ng/u1	0.00
60) Fluorene-d10	15.775	176	840506	20.357	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	100615	20.163	ng/u1	0.00
73) Anthracene-d10	17.634	188	1249864	20.981	ng/u1	0.00
81) Pyrene-d10	19.845	212	1388576	21.449	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	1337328	21.204	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.523	88	58460	8.364	ng/uL	96
5) Pyridine	3.934	79	382921	21.661	ng/u1	95
6) Benzaldehyde	7.281	77	266924	24.266	ng/u1	98
8) Phenol	7.316	94	465589	20.058	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.564	93	378898	20.131	ng/u1	99
12) 2-Chlorophenol	7.711	128	365146	21.143	ng/u1	98
13) 2-Methylphenol	8.587	108	345943	19.913	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.687	45	474405	19.742	ng/u1	98
16) Acetophenone	8.981	105	588570	20.409	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.963	70	277286	19.769	ng/u1	97
18) 4-Methylphenol	8.916	108	370368	19.619	ng/u1	97
19) Hexachloroethane	9.252	117	151834	20.870	ng/u1	93
22) Nitrobenzene	9.363	77	396658	22.705	ng/u1	99
23) Isophorone	9.893	82	785664	19.917	ng/u1	98
25) 2-Nitrophenol	10.081	139	170860	24.771	ng/u1	96
26) 2,4-Dimethylphenol	10.134	107	406719	21.148	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.375	93	501389	20.515	ng/u1	100
29) 2,4-Dichlorophenol	10.616	162	338760	21.286	ng/u1	97
30) Naphthalene	11.034	128	1200284	20.873	ng/u1	99
32) 4-Chloroaniline	11.134	127	495886	20.339	ng/u1	98
33) Hexachlorobutadiene	11.322	225	237900	21.134	ng/u1	97
34) Caprolactam	11.893	113	87085	18.071	ng/u1	96
35) 4-Chloro-3-methylphenol	12.234	107	339382	20.405	ng/u1	99
36) 2-Methylnaphthalene	12.628	142	782769	20.390	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	770786	20.253	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.987	216	439729	21.502	ng/u1	98
40) Hexachlorocyclopentadiene	12.969	237	258832	22.368	ng/u1	97
41) 2,4,6-Trichlorophenol	13.216	196	253643	21.897	ng/u1	99
42) 2,4,5-Trichlorophenol	13.287	196	281898	22.496	ng/u1	98
43) 1,1'-Biphenyl	13.622	154	1051693	21.342	ng/u1	99
44) 2-Chloronaphthalene	13.663	162	818601	21.260	ng/u1	99
45) 2-Nitroaniline	13.857	65	171352	23.508	ng/u1	99
47) Dimethylphthalate	14.234	163	977747	20.173	ng/u1	99
48) 2,6-Dinitrotoluene	14.351	165	156926	23.737	ng/u1	90
50) Acenaphthylene	14.510	152	1257545	20.807	ng/u1	99
51) 3-Nitroaniline	14.675	138	165289	21.981	ng/u1	99
52) Acenaphthene	14.845	153	859564	20.859	ng/u1	99
53) 2,4-Dinitrophenol	14.881	184	60647	18.959	ng/u1	92
55) 4-Nitrophenol	14.963	109	125999	20.069	ng/u1	97
56) Dibenzofuran	15.181	168	1191916	20.551	ng/u1	97
57) 2,4-Dinitrotoluene	15.128	165	223633	23.055	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.398	232	222450	20.905	ng/u1	96
59) Diethylphthalate	15.593	149	934132	19.862	ng/u1	99
61) Fluorene	15.828	166	983076	20.765	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.822	204	496969	20.529	ng/u1	98
63) 4-Nitroaniline	15.834	138	165866	22.069	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.893	198	112945	21.260	ng/u1#	90
67) N-Nitrosodiphenylamine	16.028	169	795610	21.652	ng/u1	98
68) 4-Bromophenyl-phenylether	16.716	248	300711	21.759	ng/u1	98
69) Hexachlorobenzene	16.834	284	336608	20.992	ng/u1	98
70) Atrazine	16.975	200	265207	20.321	ng/u1	99
71) Pentachlorophenol	17.175	266	171644	19.665	ng/u1	98
72) Phenanthrene	17.575	178	1460523	21.016	ng/u1	99
74) Anthracene	17.669	178	1484752	21.074	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.587	216	443874	23.052	ng/uL	99
76) Pentachlorobenzene	15.098	250	420963	22.165	ng/uL	99
77) Carbazole	17.928	167	1275947	20.629	ng/u1	99
78) Di-n-butylphthalate	18.469	149	1446240	20.596	ng/u1	99
80) Fluoranthene	19.522	202	1632277	21.671	ng/u1	99
82) Pyrene	19.875	202	1726676	21.663	ng/u1	99
83) Butylbenzylphthalate	20.733	149	472090	21.696	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.510	252	536819	21.216	ng/u1	99
85) Benzo(a)anthracene	21.592	228	1663552	21.176	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.498	149	778849	21.219	ng/u1	99
87) Chrysene	21.645	228	1593093	21.422	ng/u1	99
89) Di-n-octyl phthalate	22.480	149	1241351	18.854	ng/u1	100
90) Benzo(b)fluoranthene	23.392	252	1692101	21.346	ng/u1	100
91) Benzo(k)fluoranthene	23.439	252	1687666	21.288	ng/u1	100
93) Benzo(a)pyrene	24.069	252	1503491	21.356	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.904	276	1983002	21.642	ng/u1	100
95) Dibenzo(a,h)anthracene	26.921	278	1663354	21.677	ng/u1	99
96) Benzo(g,h,i)perylene	27.739	276	1578124	21.534	ng/u1	99

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

