

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081523\
 Data File : BP016594.D
 Acq On : 15 Aug 2023 15:36
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020684

Quant Time: Aug 15 16:06:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 14 18:26:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	243849	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	1179245	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	760974	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	1798207	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	1887386	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	2080666	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	52067	8.114	ng/uL	0.00
4) Pyridine-d5	3.828	84	417353	21.376	ng/u1	0.00
7) Phenol-d5	7.193	99	485121	21.579	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	305625	20.641	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	358652	22.212	ng/u1	0.00
15) 4-Methylphenol-d8	8.758	113	396426	22.177	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	181238	21.842	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	182052	23.101	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	354036	22.828	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	578596	21.743	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1132376	20.573	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1343128	21.620	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	259330	23.128	ng/u1	0.00
60) Fluorene-d10	15.698	176	994499	21.194	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	153177	17.906	ng/u1	0.00
73) Anthracene-d10	17.575	188	1656330	21.295	ng/u1	0.00
81) Pyrene-d10	19.804	212	2031390	20.541	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2100505	21.065	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	59010	8.363	ng/uL	98
5) Pyridine	3.852	79	431484	21.300	ng/u1	98
6) Benzaldehyde	7.211	77	316660	25.552	ng/u1	99
8) Phenol	7.222	94	518839	21.593	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.487	93	403817	20.805	ng/u1	99
12) 2-Chlorophenol	7.611	128	369419	21.744	ng/u1	99
13) 2-Methylphenol	8.493	108	378716	21.699	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.569	45	553550	20.463	ng/u1	99
16) Acetophenone	8.905	105	632096	21.897	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.875	70	334179	21.586	ng/u1	99
18) 4-Methylphenol	8.822	108	418244	21.804	ng/u1	94
19) Hexachloroethane	9.134	117	146780	20.679	ng/u1	97
22) Nitrobenzene	9.299	77	494681	21.297	ng/u1	98
23) Isophorone	9.810	82	931067	21.222	ng/u1	99
25) 2-Nitrophenol	9.999	139	204423	22.690	ng/u1	98
26) 2,4-Dimethylphenol	10.040	107	454426	21.395	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.299	93	566023	20.127	ng/u1	100
29) 2,4-Dichlorophenol	10.522	162	356731	22.356	ng/u1	99
30) Naphthalene	10.940	128	1273675	20.672	ng/u1	100
32) 4-Chloroaniline	11.069	127	575547	21.837	ng/u1	99
33) Hexachlorobutadiene	11.175	225	198259	20.611	ng/u1	100
34) Caprolactam	11.869	113	143113	23.053	ng/u1	99
35) 4-Chloro-3-methylphenol	12.157	107	442070	22.665	ng/u1	97
36) 2-Methylnaphthalene	12.540	142	866317	20.991	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	879388	21.162	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.887	216	418651	20.569	ng/ul	99
40) Hexachlorocyclopentadiene	12.840	237	196518	15.868	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	283814	22.405	ng/ul	98
42) 2,4,5-Trichlorophenol	13.204	196	312024	22.724	ng/ul	98
43) 1,1'-Biphenyl	13.546	154	1138103	20.121	ng/ul	98
44) 2-Chloronaphthalene	13.593	162	908100	20.634	ng/ul	99
45) 2-Nitroaniline	13.816	65	306120	23.005	ng/ul	95
47) Dimethylphthalate	14.163	163	1152923	20.487	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	220319	22.603	ng/ul	99
50) Acenaphthylene	14.434	152	1553248	21.230	ng/ul	100
51) 3-Nitroaniline	14.640	138	264182	24.172	ng/ul	98
52) Acenaphthene	14.769	153	1007378	20.569	ng/ul	99
53) 2,4-Dinitrophenol	14.840	184	87237	16.076	ng/ul	94
55) 4-Nitrophenol	14.922	109	211412	23.193	ng/ul	98
56) Dibenzofuran	15.104	168	1393014	20.847	ng/ul	99
57) 2,4-Dinitrotoluene	15.081	165	340562	23.331	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.316	232	273428	23.767	ng/ul	98
59) Diethylphthalate	15.516	149	1186105	20.614	ng/ul	99
61) Fluorene	15.757	166	1163908	21.243	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	538372	20.932	ng/ul	99
63) 4-Nitroaniline	15.804	138	280486	26.817	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.834	198	168070	17.719	ng/ul	100
67) N-Nitrosodiphenylamine	15.969	169	992240	20.356	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	327045	20.370	ng/ul	100
69) Hexachlorobenzene	16.734	284	381026	20.310	ng/ul	99
70) Atrazine	16.922	200	365582	20.847	ng/ul	99
71) Pentachlorophenol	17.092	266	253377	21.937	ng/ul	98
72) Phenanthrene	17.516	178	1958686	20.675	ng/ul	100
74) Anthracene	17.610	178	2007007	21.091	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	445406	19.491	ng/ul	95
76) Pentachlorobenzene	14.998	250	406753	19.837	ng/ul	99
77) Carbazole	17.886	167	1925558	21.958	ng/ul	99
78) Di-n-butylphthalate	18.398	149	2222997	21.898	ng/ul	99
80) Fluoranthene	19.475	202	2389524	20.245	ng/ul	98
82) Pyrene	19.833	202	2534926	20.338	ng/ul	98
83) Butylbenzylphthalate	20.692	149	1110254	22.112	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.492	252	851570	20.720	ng/ul	99
85) Benzo(a)anthracene	21.551	228	2646879	20.867	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	1620903	22.244	ng/ul	98
87) Chrysene	21.610	228	2463479	20.754	ng/ul	99
89) Di-n-octyl phthalate	22.422	149	2869910	22.105	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	2566426	20.716	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	2633501	21.427	ng/ul	99
93) Benzo(a)pyrene	24.039	252	2435127	20.837	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.910	276	2665394	19.324	ng/ul	100
95) Dibenzo(a,h)anthracene	26.939	278	2236378	19.483	ng/ul	98
96) Benzo(g,h,i)perylene	27.768	276	2102624	19.154	ng/ul	98

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

