

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015833.D
 Acq On : 30 Jun 2023 04:13
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020776

Quant Time: Jun 30 04:59:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	370328	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.875	136	1534546	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.698	164	849552	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.463	188	1571021	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.551	240	1070102	20.000	ng/u1	#-0.01
88) Perylene-d12	24.098	264	1289806	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	82144	7.981	ng/uL	0.00
4) Pyridine-d5	3.822	84	558314	21.518	ng/u1	0.00
7) Phenol-d5	7.222	99	693212	21.878	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	444913	22.696	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.581	132	518113	21.661	ng/u1	-0.01
15) 4-Methylphenol-d8	8.781	113	527136	21.059	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	260658	22.226	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.963	143	283786	20.733	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.516	165	499913	20.496	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	653430	20.855	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	1338155	20.379	ng/u1	-0.01
49) Acenaphthylene-d8	14.398	160	1561399	21.153	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.951	143	143879	16.604	ng/u1	0.00
60) Fluorene-d10	15.698	176	1092600	20.208	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.857	200	155354	16.079	ng/u1	0.00
73) Anthracene-d10	17.563	188	1504358	20.963	ng/u1	-0.01
81) Pyrene-d10	19.792	212	1408058	20.151	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.927	264	1329041	20.427	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	87982	7.943	ng/uL	98
5) Pyridine	3.840	79	597607	22.016	ng/u1	96
6) Benzaldehyde	7.193	77	295800	23.090	ng/u1	97
8) Phenol	7.252	94	728873	22.167	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.469	93	589399	22.529	ng/u1	97
12) 2-Chlorophenol	7.616	128	554849	21.835	ng/u1	100
13) 2-Methylphenol	8.510	108	541793	21.824	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.587	45	869667	24.338	ng/u1	99
16) Acetophenone	8.893	105	860160	20.904	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.869	70	472161	20.660	ng/u1	99
18) 4-Methylphenol	8.852	108	579065	21.709	ng/u1	98
19) Hexachloroethane	9.128	117	230884	19.672	ng/u1	87
22) Nitrobenzene	9.281	77	704230	21.383	ng/u1	95
23) Isophorone	9.805	82	1283685	20.368	ng/u1	99
25) 2-Nitrophenol	9.999	139	306635	21.109	ng/u1	91
26) 2,4-Dimethylphenol	10.052	107	625350	19.583	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.281	93	799250	22.465	ng/u1	98
29) 2,4-Dichlorophenol	10.540	162	504088	20.788	ng/u1	99
30) Naphthalene	10.928	128	1755516	21.044	ng/u1	99
32) 4-Chloroaniline	11.057	127	684656	21.032	ng/u1	97
33) Hexachlorobutadiene	11.193	225	319909	17.469	ng/u1	99
34) Caprolactam	11.857	113	151275	20.394	ng/u1	93
35) 4-Chloro-3-methylphenol	12.187	107	552569	19.467	ng/u1	98
36) 2-Methylnaphthalene	12.534	142	1122036	20.432	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	1122872	20.044	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.904	216	583147	20.830	ng/ul	99
40) Hexachlorocyclopentadiene	12.863	237	84995	10.148	ng/ul	97
41) 2,4,6-Trichlorophenol	13.151	196	371636	21.005	ng/ul	98
42) 2,4,5-Trichlorophenol	13.240	196	398474	21.233	ng/ul	98
43) 1,1'-Biphenyl	13.534	154	1481366	22.015	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	1155433	21.797	ng/ul	98
45) 2-Nitroaniline	13.810	65	362793	21.751	ng/ul	91
47) Dimethylphthalate	14.157	163	1383492	20.359	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	282520	20.495	ng/ul	97
50) Acenaphthylene	14.428	152	1759290	21.631	ng/ul	99
51) 3-Nitroaniline	14.640	138	243055	22.485	ng/ul	96
52) Acenaphthene	14.763	153	1202002	21.312	ng/ul	97
53) 2,4-Dinitrophenol	14.875	184	82176	11.236	ng/ul	87
55) 4-Nitrophenol	14.969	109	112114	12.485	ng/ul#	73
56) Dibenzofuran	15.104	168	1613090	20.603	ng/ul	97
57) 2,4-Dinitrotoluene	15.098	165	374671	19.946	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.340	232	303802	18.847	ng/ul	97
59) Diethylphthalate	15.510	149	1377586	20.032	ng/ul	99
61) Fluorene	15.751	166	1294454	20.383	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.740	204	638379	19.645	ng/ul	95
63) 4-Nitroaniline	15.816	138	156328	21.130	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.869	198	158373	16.201	ng/ul	95
67) N-Nitrosodiphenylamine	15.957	169	1069943	22.750	ng/ul	98
68) 4-Bromophenyl-phenylether	16.639	248	374203	20.859	ng/ul	91
69) Hexachlorobenzene	16.763	284	420149	19.848	ng/ul	96
70) Atrazine	16.916	200	370216	20.564	ng/ul	97
71) Pentachlorophenol	17.128	266	179779	17.695	ng/ul	97
72) Phenanthrene	17.504	178	1795820	21.041	ng/ul	99
74) Anthracene	17.598	178	1817253	21.190	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	593620	23.221	ng/ul	99
76) Pentachlorobenzene	15.022	250	549306	21.291	ng/ul	98
77) Carbazole	17.881	167	1536545	21.258	ng/ul	100
78) Di-n-butylphthalate	18.392	149	2151595	22.453	ng/ul	99
80) Fluoranthene	19.469	202	1772182	20.407	ng/ul#	94
82) Pyrene	19.822	202	1792880	20.239	ng/ul#	91
83) Butylbenzylphthalate	20.669	149	806614	22.319	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	476460	19.696	ng/ul#	98
85) Benzo(a)anthracene	21.533	228	1599611	21.250	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1169199	23.541	ng/ul#	100
87) Chrysene	21.592	228	1497079	20.962	ng/ul	100
89) Di-n-octyl phthalate	22.374	149	1866512	19.802	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1632527	19.699	ng/ul#	98
91) Benzo(k)fluoranthene	23.363	252	1695396	20.247	ng/ul#	98
93) Benzo(a)pyrene	23.980	252	1509511	20.845	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.792	276	2042584	20.778	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.798	278	1691093	20.943	ng/ul#	95
96) Benzo(g,h,i)perylene	27.633	276	1661796	20.548	ng/ul#	94

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

