

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014779.D
 Acq On : 21 Apr 2023 04:32
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020682

Quant Time: Apr 21 05:11:18 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	280205	20.000	ng/u1	0.00
20) Naphthalene-d8	10.975	136	1132785	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	660357	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	1330673	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1212375	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1328444	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	58847	8.347	ng/uL	0.00
4) Pyridine-d5	3.916	84	410090	21.365	ng/u1	0.00
7) Phenol-d5	7.287	99	488767	20.175	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	299833	20.061	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	392885	21.836	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	380873	20.166	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	175891	24.780	ng/u1	0.00
24) 2-Nitrophenol-d4	10.046	143	174332	27.192	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	373336	21.447	ng/u1	0.00
31) 4-Chloroaniline-d4	11.104	131	524007	19.722	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	1036005	19.814	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	1248406	20.602	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	172114	20.695	ng/u1	0.00
60) Fluorene-d10	15.769	176	892772	19.899	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	123379	22.911	ng/u1	0.00
73) Anthracene-d10	17.628	188	1315841	20.469	ng/u1	0.00
81) Pyrene-d10	19.839	212	1474133	21.226	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	1427471	20.732	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.522	88	62984	8.272	ng/uL	97
5) Pyridine	3.934	79	415388	21.569	ng/u1	96
6) Benzaldehyde	7.275	77	286076	23.873	ng/u1	95
8) Phenol	7.316	94	517207	20.453	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.557	93	415814	20.280	ng/u1	98
12) 2-Chlorophenol	7.704	128	406143	21.586	ng/u1	98
13) 2-Methylphenol	8.581	108	377737	19.958	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.681	45	514460	19.652	ng/u1	99
16) Acetophenone	8.975	105	638559	20.326	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.957	70	297142	19.446	ng/u1	98
18) 4-Methylphenol	8.910	108	411534	20.011	ng/u1	97
19) Hexachloroethane	9.246	117	168361	21.243	ng/u1	97
22) Nitrobenzene	9.363	77	449935	23.328	ng/u1	97
23) Isophorone	9.887	82	837469	19.230	ng/u1	99
25) 2-Nitrophenol	10.081	139	201162	26.417	ng/u1	98
26) 2,4-Dimethylphenol	10.128	107	444720	20.946	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.375	93	546292	20.247	ng/u1	100
29) 2,4-Dichlorophenol	10.616	162	379014	21.572	ng/u1	98
30) Naphthalene	11.028	128	1316037	20.730	ng/u1	99
32) 4-Chloroaniline	11.128	127	535049	19.878	ng/u1	98
33) Hexachlorobutadiene	11.310	225	256689	20.655	ng/u1	99
34) Caprolactam	11.887	113	95087	17.873	ng/u1	99
35) 4-Chloro-3-methylphenol	12.234	107	373410	20.336	ng/u1	96
36) 2-Methylnaphthalene	12.622	142	848897	20.029	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.840	142	843272	20.070	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.981	216	479866	21.594	ng/ul	99
40) Hexachlorocyclopentadiene	12.963	237	284415	22.619	ng/ul	99
41) 2,4,6-Trichlorophenol	13.216	196	276807	21.992	ng/ul	100
42) 2,4,5-Trichlorophenol	13.281	196	308457	22.653	ng/ul	98
43) 1,1'-Biphenyl	13.616	154	1138825	21.268	ng/ul	99
44) 2-Chloronaphthalene	13.663	162	888678	21.240	ng/ul	99
45) 2-Nitroaniline	13.857	65	199424	25.178	ng/ul	98
47) Dimethylphthalate	14.228	163	1036250	19.675	ng/ul	99
48) 2,6-Dinitrotoluene	14.345	165	176065	24.508	ng/ul	92
50) Acenaphthylene	14.504	152	1353165	20.604	ng/ul	99
51) 3-Nitroaniline	14.675	138	183696	22.482	ng/ul#	98
52) Acenaphthene	14.839	153	918472	20.512	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	75767	21.797	ng/ul	99
55) 4-Nitrophenol	14.963	109	139990	20.519	ng/ul	97
56) Dibenzofuran	15.175	168	1274109	20.217	ng/ul	98
57) 2,4-Dinitrotoluene	15.128	165	252083	23.915	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.392	232	243031	21.018	ng/ul	95
59) Diethylphthalate	15.586	149	987631	19.326	ng/ul	100
61) Fluorene	15.822	166	1043581	20.286	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.810	204	525593	19.980	ng/ul	99
63) 4-Nitroaniline	15.833	138	183898	22.518	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.886	198	131686	22.971	ng/ul	94
67) N-Nitrosodiphenylamine	16.022	169	839249	21.165	ng/ul	99
68) 4-Bromophenyl-phenylether	16.710	248	314780	21.107	ng/ul	97
69) Hexachlorobenzene	16.828	284	356337	20.593	ng/ul	98
70) Atrazine	16.969	200	280370	19.908	ng/ul	99
71) Pentachlorophenol	17.169	266	184491	19.587	ng/ul	98
72) Phenanthrene	17.569	178	1544076	20.589	ng/ul	99
74) Anthracene	17.663	178	1560429	20.524	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.581	216	481775	23.186	ng/ul	98
76) Pentachlorobenzene	15.092	250	448021	21.860	ng/ul	98
77) Carbazole	17.922	167	1357899	20.345	ng/ul	99
78) Di-n-butylphthalate	18.457	149	1525157	20.127	ng/ul	99
80) Fluoranthene	19.516	202	1740649	21.542	ng/ul	99
82) Pyrene	19.869	202	1820495	21.291	ng/ul	100
83) Butylbenzylphthalate	20.721	149	541798	23.210	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.504	252	581502	21.423	ng/ul	97
85) Benzo(a)anthracene	21.580	228	1780019	21.122	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	849102	21.563	ng/ul	99
87) Chrysene	21.639	228	1681532	21.077	ng/ul	100
89) Di-n-octyl phthalate	22.468	149	1362866	18.961	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	1840571	21.269	ng/ul	100
91) Benzo(k)fluoranthene	23.427	252	1778196	20.546	ng/ul	99
93) Benzo(a)pyrene	24.057	252	1620217	21.082	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.880	276	2140599	21.400	ng/ul	99
95) Dibenzo(a,h)anthracene	26.898	278	1797679	21.460	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	1704471	21.305	ng/ul	99

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

