

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014942.D
 Acq On : 04 May 2023 09:25
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020695

Quant Time: May 04 22:40:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	315109	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	1330259	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	752180	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1376108	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	837043	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1071305	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	66520	7.849	ng/uL	0.00
4) Pyridine-d5	3.899	84	447421	19.315	ng/u1	0.00
7) Phenol-d5	7.305	99	542081	19.842	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	325924	19.302	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	418587	20.838	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	418170	19.863	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	199264	21.062	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	217792	22.418	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	413447	21.675	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	526958	19.099	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	1053291	19.786	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	1289238	20.193	ng/u1	0.00
54) 4-Nitrophenol-d4	14.987	143	168661	18.211	ng/u1	0.00
60) Fluorene-d10	15.798	176	899789	19.646	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	141897	18.317	ng/u1	0.00
73) Anthracene-d10	17.663	188	1238202	20.026	ng/u1	0.00
81) Pyrene-d10	19.881	212	1105700	19.586	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.069	264	1033965	19.808	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	71894	7.830	ng/uL	98
5) Pyridine	3.917	79	462513	19.179	ng/u1	99
6) Benzaldehyde	7.287	77	176512	23.631	ng/u1	97
8) Phenol	7.334	94	564769	19.691	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.575	93	466904	19.585	ng/u1	100
12) 2-Chlorophenol	7.722	128	442240	20.322	ng/u1	99
13) 2-Methylphenol	8.605	108	427985	20.012	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.699	45	580475	19.196	ng/u1	100
16) Acetophenone	8.999	105	682518	19.827	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.981	70	337823	19.256	ng/u1	99
18) 4-Methylphenol	8.934	108	460357	19.472	ng/u1	95
19) Hexachloroethane	9.263	117	189071	20.026	ng/u1	98
22) Nitrobenzene	9.381	77	510886	20.551	ng/u1	97
23) Isophorone	9.910	82	971259	19.769	ng/u1	100
25) 2-Nitrophenol	10.105	139	238403	21.338	ng/u1	96
26) 2,4-Dimethylphenol	10.158	107	498736	20.569	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.393	93	614163	19.554	ng/u1	99
29) 2,4-Dichlorophenol	10.640	162	415557	21.062	ng/u1	100
30) Naphthalene	11.052	128	1441420	19.712	ng/u1	100
32) 4-Chloroaniline	11.157	127	548158	19.038	ng/u1	99
33) Hexachlorobutadiene	11.334	225	265182	20.830	ng/u1	99
34) Caprolactam	11.922	113	115540	19.008	ng/u1	99
35) 4-Chloro-3-methylphenol	12.263	107	419840	20.699	ng/u1	98
36) 2-Methylnaphthalene	12.646	142	909873	20.121	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.863	142	917266	19.679	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.010	216	486422	20.732	ng/ul	99
40) Hexachlorocyclopentadiene	12.993	237	290504	18.362	ng/ul	99
41) 2,4,6-Trichlorophenol	13.246	196	311081	21.517	ng/ul	99
42) 2,4,5-Trichlorophenol	13.316	196	335237	21.514	ng/ul	97
43) 1,1'-Biphenyl	13.646	154	1207158	20.074	ng/ul	100
44) 2-Chloronaphthalene	13.687	162	942636	20.123	ng/ul	100
45) 2-Nitroaniline	13.887	65	230370	21.119	ng/ul	99
47) Dimethylphthalate	14.257	163	1091120	19.492	ng/ul	100
48) 2,6-Dinitrotoluene	14.381	165	209567	21.186	ng/ul	97
50) Acenaphthylene	14.534	152	1439026	19.881	ng/ul	100
51) 3-Nitroaniline	14.704	138	174271	19.471	ng/ul	98
52) Acenaphthene	14.875	153	974571	19.457	ng/ul	99
53) 2,4-Dinitrophenol	14.910	184	97007	16.113	ng/ul	97
55) 4-Nitrophenol	15.004	109	129801	18.413	ng/ul	98
56) Dibenzofuran	15.204	168	1338716	19.807	ng/ul	98
57) 2,4-Dinitrotoluene	15.163	165	281765	20.337	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.428	232	263934	20.813	ng/ul	95
59) Diethylphthalate	15.616	149	1038101	19.627	ng/ul	100
61) Fluorene	15.857	166	1060684	19.895	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.845	204	518266	19.864	ng/ul	97
63) 4-Nitroaniline	15.869	138	159887	21.403	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.928	198	150426	18.307	ng/ul	96
67) N-Nitrosodiphenylamine	16.057	169	866837	20.754	ng/ul	99
68) 4-Bromophenyl-phenylether	16.745	248	303733	21.217	ng/ul	95
69) Hexachlorobenzene	16.863	284	342967	20.339	ng/ul	97
70) Atrazine	17.010	200	286426	20.379	ng/ul	99
71) Pentachlorophenol	17.210	266	187565	19.055	ng/ul	97
72) Phenanthrene	17.610	178	1481475	19.487	ng/ul	100
74) Anthracene	17.698	178	1496108	19.766	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.610	216	493505	21.664	ng/ul	98
76) Pentachlorobenzene	15.128	250	453741	20.936	ng/ul	98
77) Carbazole	17.963	167	1236629	19.425	ng/ul	99
78) Di-n-butylphthalate	18.492	149	1480426	20.796	ng/ul	100
80) Fluoranthene	19.557	202	1409955	20.353	ng/ul	97
82) Pyrene	19.910	202	1418807	19.331	ng/ul	96
83) Butylbenzylphthalate	20.763	149	489389	22.209	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.551	252	248569	17.644	ng/ul	95
85) Benzo(a)anthracene	21.628	228	1144437	20.484	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.528	149	650333	23.456	ng/ul	99
87) Chrysene	21.686	228	1105760	19.656	ng/ul	99
89) Di-n-octyl phthalate	22.516	149	1040805	16.639	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	1299074	18.763	ng/ul	99
91) Benzo(k)fluoranthene	23.492	252	1223827	17.368	ng/ul	99
93) Benzo(a)pyrene	24.127	252	1174556	19.344	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.998	276	1695421	22.890	ng/ul	99
95) Dibenzo(a,h)anthracene	27.015	278	1379278	22.720	ng/ul	99
96) Benzo(g,h,i)perylene	27.845	276	1420785	22.538	ng/ul	96

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

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