

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050923\
 Data File : BP015022.D
 Acq On : 09 May 2023 17:31
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020704

Quant Time: May 09 22:14:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	314551	20.000	ng/u1	0.00
20) Naphthalene-d8	10.999	136	1402565	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	869171	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	1868058	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	1478593	20.000	ng/u1	0.01
88) Perylene-d12	24.257	264	1286974	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	56821	6.717	ng/uL	0.00
4) Pyridine-d5	3.893	84	364142	15.748	ng/u1	0.00
7) Phenol-d5	7.305	99	478711	17.554	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	283246	16.804	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	365500	18.227	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	383965	18.270	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	188035	18.850	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	210443	20.545	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	387108	19.248	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	531864	18.283	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	1093900	17.783	ng/u1	0.00
49) Acenaphthylene-d8	14.510	160	1278960	17.336	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	200112	18.699	ng/u1	0.00
60) Fluorene-d10	15.804	176	943398	17.826	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	168979	16.069	ng/u1	0.00
73) Anthracene-d10	17.669	188	1449229	17.266	ng/u1	0.00
81) Pyrene-d10	19.886	212	1610380	16.148	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.086	264	1101171	17.561	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	59530	6.495	ng/uL	98
5) Pyridine	3.917	79	384956	15.992	ng/u1	99
6) Benzaldehyde	7.287	77	158306	21.232	ng/u1	95
8) Phenol	7.334	94	495242	17.297	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.575	93	404908	17.015	ng/u1	99
12) 2-Chlorophenol	7.716	128	385200	17.732	ng/u1	100
13) 2-Methylphenol	8.605	108	383585	17.968	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.693	45	499464	16.547	ng/u1	100
16) Acetophenone	8.999	105	605717	17.627	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.981	70	302246	17.259	ng/u1	98
18) 4-Methylphenol	8.940	108	416748	17.658	ng/u1	97
19) Hexachloroethane	9.257	117	154769	16.421	ng/u1	98
22) Nitrobenzene	9.387	77	458435	17.491	ng/u1	96
23) Isophorone	9.916	82	893126	17.242	ng/u1	99
25) 2-Nitrophenol	10.105	139	229714	19.500	ng/u1	97
26) 2,4-Dimethylphenol	10.157	107	451161	17.647	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.399	93	561702	16.962	ng/u1	99
29) 2,4-Dichlorophenol	10.640	162	389023	18.700	ng/u1	100
30) Naphthalene	11.052	128	1274580	16.532	ng/u1	100
32) 4-Chloroaniline	11.157	127	549475	18.100	ng/u1	99
33) Hexachlorobutadiene	11.334	225	238459	17.765	ng/u1	98
34) Caprolactam	11.934	113	127811	19.943	ng/u1	94
35) 4-Chloro-3-methylphenol	12.269	107	417636	19.529	ng/u1	99
36) 2-Methylnaphthalene	12.651	142	862605	18.093	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.869	142	862567	17.552	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.010	216	467285	17.236	ng/ul	99
40) Hexachlorocyclopentadiene	12.993	237	297707	16.285	ng/ul	100
41) 2,4,6-Trichlorophenol	13.246	196	317041	18.978	ng/ul	98
42) 2,4,5-Trichlorophenol	13.322	196	341573	18.970	ng/ul	97
43) 1,1'-Biphenyl	13.646	154	1156451	16.642	ng/ul	99
44) 2-Chloronaphthalene	13.693	162	913498	16.876	ng/ul	100
45) 2-Nitroaniline	13.893	65	250926	19.907	ng/ul	98
47) Dimethylphthalate	14.263	163	1132925	17.515	ng/ul	100
48) 2,6-Dinitrotoluene	14.387	165	234867	20.548	ng/ul	94
50) Acenaphthylene	14.534	152	1405534	16.804	ng/ul	100
51) 3-Nitroaniline	14.710	138	189754	18.347	ng/ul	97
52) Acenaphthene	14.875	153	953070	16.466	ng/ul	98
53) 2,4-Dinitrophenol	14.922	184	103170	14.830	ng/ul	90
55) 4-Nitrophenol	15.010	109	149791	18.388	ng/ul	96
56) Dibenzofuran	15.210	168	1337977	17.132	ng/ul	100
57) 2,4-Dinitrotoluene	15.169	165	334009	20.863	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.434	232	294424	20.092	ng/ul	93
59) Diethylphthalate	15.622	149	1126908	18.438	ng/ul	98
61) Fluorene	15.863	166	1065430	17.294	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.845	204	529895	17.576	ng/ul	98
63) 4-Nitroaniline	15.875	138	167664	19.423	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.934	198	176166	15.793	ng/ul	97
67) N-Nitrosodiphenylamine	16.063	169	922473	16.270	ng/ul	99
68) 4-Bromophenyl-phenylether	16.745	248	345185	17.763	ng/ul	97
69) Hexachlorobenzene	16.869	284	398017	17.388	ng/ul	97
70) Atrazine	17.016	200	347473	18.212	ng/ul	99
71) Pentachlorophenol	17.216	266	233074	17.443	ng/ul	98
72) Phenanthrene	17.616	178	1710804	16.577	ng/ul	100
74) Anthracene	17.704	178	1725289	16.791	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.616	216	480588	15.541	ng/ul	98
76) Pentachlorobenzene	15.128	250	470819	16.003	ng/ul	99
77) Carbazole	17.969	167	1550202	17.938	ng/ul	99
78) Di-n-butylphthalate	18.498	149	1941668	20.092	ng/ul	100
80) Fluoranthene	19.563	202	1987147	16.239	ng/ul	99
82) Pyrene	19.916	202	2017240	15.560	ng/ul	98
83) Butylbenzylphthalate	20.769	149	864125	22.200	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.557	252	521147	20.941	ng/ul	98
85) Benzo(a)anthracene	21.639	228	1744128	17.673	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	1249958	25.522	ng/ul	99
87) Chrysene	21.692	228	1648587	16.590	ng/ul	99
89) Di-n-octyl phthalate	22.527	149	2047801	27.252	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	1512742	18.187	ng/ul	100
91) Benzo(k)fluoranthene	23.504	252	1441177	17.025	ng/ul	98
93) Benzo(a)pyrene	24.139	252	1246680	17.091	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.021	276	1541723	17.327	ng/ul	99
95) Dibenzo(a,h)anthracene	27.045	278	1270923	17.427	ng/ul	99
96) Benzo(g,h,i)perylene	27.874	276	1276627	16.858	ng/ul	97

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

