

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060823\
 Data File : BP015436.D
 Acq On : 08 Jun 2023 15:30
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020740

Quant Time: Jun 09 01:18:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	144604	20.000	ng/u1	0.00
20) Naphthalene-d8	10.922	136	666472	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	464223	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	1074277	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	1060392	20.000	ng/u1	-0.01
88) Perylene-d12	24.127	264	1149406	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	30306	7.761	ng/uL	0.00
4) Pyridine-d5	3.846	84	218120	21.504	ng/u1	0.00
7) Phenol-d5	7.252	99	274419	20.599	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	171507	21.557	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	207871	21.522	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	229615	21.001	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	112032	21.411	ng/u1	0.00
24) 2-Nitrophenol-d4	9.999	143	129589	21.687	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	237764	21.813	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.063	131	338832	21.656	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	783436	21.401	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	860981	21.509	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	128784	19.645	ng/u1	0.00
60) Fluorene-d10	15.734	176	664513	21.527	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	137812	20.250	ng/u1	0.00
73) Anthracene-d10	17.598	188	1056470	21.614	ng/u1	0.00
81) Pyrene-d10	19.816	212	1254554	22.105	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1223801	21.220	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	34147	8.278	ng/uL	93
5) Pyridine	3.870	79	225370	21.431	ng/u1	96
6) Benzaldehyde	7.228	77	104274	20.478	ng/u1	96
8) Phenol	7.275	94	284963	20.734	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.511	93	231811	21.333	ng/u1	100
12) 2-Chlorophenol	7.658	128	218339	21.395	ng/u1	97
13) 2-Methylphenol	8.546	108	224278	21.209	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.634	45	316754	21.997	ng/u1	100
16) Acetophenone	8.934	105	386662	22.160	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.910	70	207501	22.034	ng/u1	99
18) 4-Methylphenol	8.875	108	249596	21.453	ng/u1	100
19) Hexachloroethane	9.187	117	91896	21.310	ng/u1	94
22) Nitrobenzene	9.316	77	302724	21.816	ng/u1	98
23) Isophorone	9.846	82	596977	21.491	ng/u1	99
25) 2-Nitrophenol	10.034	139	141204	21.887	ng/u1	99
26) 2,4-Dimethylphenol	10.087	107	295667	21.610	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.328	93	347794	21.536	ng/u1	99
29) 2,4-Dichlorophenol	10.569	162	239891	22.135	ng/u1	98
30) Naphthalene	10.975	128	766152	21.214	ng/u1	100
32) 4-Chloroaniline	11.087	127	348549	21.530	ng/u1	99
33) Hexachlorobutadiene	11.252	225	159815	21.866	ng/u1	97
34) Caprolactam	11.863	113	84949	20.822	ng/u1	90
35) 4-Chloro-3-methylphenol	12.204	107	292479	22.274	ng/u1	99
36) 2-Methylnaphthalene	12.575	142	542873	21.382	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.793	142	551443	21.572	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.940	216	317064	21.934	ng/ul	99
40) Hexachlorocyclopentadiene	12.910	237	138658	23.400	ng/ul	97
41) 2,4,6-Trichlorophenol	13.181	196	214153	22.259	ng/ul	98
42) 2,4,5-Trichlorophenol	13.251	196	231783	22.108	ng/ul	97
43) 1,1'-Biphenyl	13.575	154	763930	21.279	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	601883	21.369	ng/ul	98
45) 2-Nitroaniline	13.828	65	201363	22.337	ng/ul	96
47) Dimethylphthalate	14.193	163	814700	21.555	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	170349	21.999	ng/ul	99
50) Acenaphthylene	14.463	152	949444	21.419	ng/ul	100
51) 3-Nitroaniline	14.651	138	128692	20.132	ng/ul	98
52) Acenaphthene	14.804	153	651163	21.251	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	78816	16.920	ng/ul	99
55) 4-Nitrophenol	14.957	109	129676	20.508	ng/ul	91
56) Dibenzofuran	15.140	168	929113	21.394	ng/ul	99
57) 2,4-Dinitrotoluene	15.110	165	248524	21.821	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.363	232	208840	22.061	ng/ul	97
59) Diethylphthalate	15.551	149	839200	21.664	ng/ul	99
61) Fluorene	15.787	166	766526	21.652	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.775	204	385398	21.600	ng/ul	99
63) 4-Nitroaniline	15.816	138	116330	19.185	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.875	198	141610	20.402	ng/ul	98
67) N-Nitrosodiphenylamine	15.992	169	653753	21.451	ng/ul	99
68) 4-Bromophenyl-phenylether	16.675	248	248190	21.595	ng/ul	97
69) Hexachlorobenzene	16.798	284	296157	21.845	ng/ul	98
70) Atrazine	16.945	200	270432	22.220	ng/ul	99
71) Pentachlorophenol	17.145	266	162532	21.211	ng/ul	98
72) Phenanthrene	17.539	178	1240118	21.511	ng/ul	100
74) Anthracene	17.628	178	1271111	21.731	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.546	216	324871	21.911	ng/ul	98
76) Pentachlorobenzene	15.057	250	338293	21.792	ng/ul	97
77) Carbazole	17.898	167	1149295	21.821	ng/ul	99
78) Di-n-butylphthalate	18.428	149	1486958	22.252	ng/ul	99
80) Fluoranthene	19.492	202	1537185	22.236	ng/ul	99
82) Pyrene	19.845	202	1588678	22.212	ng/ul	99
83) Butylbenzylphthalate	20.698	149	725948	22.964	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	514635	20.543	ng/ul	99
85) Benzo(a)anthracene	21.563	228	1601041	21.598	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1083286	23.184	ng/ul	100
87) Chrysene	21.616	228	1490726	21.275	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	1886875	24.978	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1645210	22.174	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	1542971	21.514	ng/ul	100
93) Benzo(a)pyrene	24.016	252	1357935	20.993	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.827	276	1603705	19.157	ng/ul	100
95) Dibenzo(a,h)anthracene	26.845	278	1316283	19.300	ng/ul	99
96) Benzo(g,h,i)perylene	27.662	276	1277592	18.519	ng/ul	98

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

