

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
 Data File : BP015391.D
 Acq On : 07 Jun 2023 10:42
 Operator : MA/JU
 Sample : SSTD02085
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020627

Quant Time: Jun 07 23:11:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 13:01:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	155030	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	704656	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.745	164	478010	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	1129313	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	1163114	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1431271	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	35004	8.472	ng/uL	0.00
4) Pyridine-d5	3.852	84	230360	21.183	ng/u1	0.00
7) Phenol-d5	7.252	99	297033	20.797	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	185549	21.753	ng/u1	0.00
11) 2-Chlorophenol-d4	7.628	132	223004	21.536	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	249789	21.310	ng/u1	0.00
21) Nitrobenzene-d5	9.281	128	120197	21.727	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	138826	21.974	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	251761	21.845	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	360472	21.791	ng/u1	0.00
46) Dimethylphthalate-d6	14.151	166	815826	21.643	ng/u1	0.00
49) Acenaphthylene-d8	14.440	160	897290	21.770	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	143382	21.450	ng/u1	0.00
60) Fluorene-d10	15.740	176	682925	21.485	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	148671	20.781	ng/u1	0.00
73) Anthracene-d10	17.598	188	1097354	21.357	ng/u1	0.00
81) Pyrene-d10	19.822	212	1325606	21.294	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1501604	20.909	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	36544	8.400	ng/uL	100
5) Pyridine	3.875	79	237260	21.045	ng/u1	100
6) Benzaldehyde	7.234	77	112538	21.063	ng/u1	100
8) Phenol	7.281	94	307321	20.857	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.516	93	248582	21.338	ng/u1	100
12) 2-Chlorophenol	7.658	128	235007	21.480	ng/u1	100
13) 2-Methylphenol	8.546	108	239595	21.134	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	333373	21.594	ng/u1	100
16) Acetophenone	8.934	105	408963	21.862	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.916	70	218175	21.609	ng/u1	100
18) 4-Methylphenol	8.881	108	266317	21.350	ng/u1	100
19) Hexachloroethane	9.193	117	99487	21.519	ng/u1	100
22) Nitrobenzene	9.322	77	321291	21.899	ng/u1	100
23) Isophorone	9.852	82	634510	21.605	ng/u1	100
25) 2-Nitrophenol	10.040	139	149445	21.909	ng/u1	100
26) 2,4-Dimethylphenol	10.093	107	310486	21.464	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.334	93	365802	21.424	ng/u1	100
29) 2,4-Dichlorophenol	10.575	162	252726	22.056	ng/u1	100
30) Naphthalene	10.981	128	814771	21.338	ng/u1	100
32) 4-Chloroaniline	11.093	127	372400	21.757	ng/u1	100
33) Hexachlorobutadiene	11.257	225	165280	21.388	ng/u1	100
34) Caprolactam	11.869	113	93206	21.695	ng/u1	100
35) 4-Chloro-3-methylphenol	12.210	107	304712	21.948	ng/u1	100
36) 2-Methylnaphthalene	12.581	142	571411	21.287	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.799	142	577964	21.384	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.946	216	323475	21.732	ng/ul	100
40) Hexachlorocyclopentadiene	12.922	237	109697	17.979	ng/ul	100
41) 2,4,6-Trichlorophenol	13.187	196	219487	22.155	ng/ul	100
42) 2,4,5-Trichlorophenol	13.257	196	233731	21.650	ng/ul	100
43) 1,1'-Biphenyl	13.581	154	800661	21.659	ng/ul	100
44) 2-Chloronaphthalene	13.628	162	624108	21.519	ng/ul	100
45) 2-Nitroaniline	13.834	65	209312	22.549	ng/ul	100
47) Dimethylphthalate	14.198	163	837670	21.524	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	175922	22.063	ng/ul	100
50) Acenaphthylene	14.469	152	992237	21.739	ng/ul	100
51) 3-Nitroaniline	14.657	138	135457	20.579	ng/ul	100
52) Acenaphthene	14.810	153	682129	21.620	ng/ul	100
53) 2,4-Dinitrophenol	14.869	184	92905	19.369	ng/ul	100
55) 4-Nitrophenol	14.957	109	136121	20.906	ng/ul	100
56) Dibenzofuran	15.145	168	969879	21.689	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	260887	22.246	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.369	232	213812	21.935	ng/ul	100
59) Diethylphthalate	15.557	149	865108	21.689	ng/ul	100
61) Fluorene	15.792	166	783677	21.498	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.781	204	392523	21.365	ng/ul	100
63) 4-Nitroaniline	15.816	138	131083	21.146	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.881	198	154297	21.146	ng/ul	100
67) N-Nitrosodiphenylamine	15.998	169	687840	21.469	ng/ul	100
68) 4-Bromophenyl-phenylether	16.681	248	256803	21.255	ng/ul	100
69) Hexachlorobenzene	16.804	284	301719	21.171	ng/ul	100
70) Atrazine	16.951	200	276080	21.579	ng/ul	100
71) Pentachlorophenol	17.151	266	157047	19.612	ng/ul	100
72) Phenanthrene	17.545	178	1294194	21.355	ng/ul	100
74) Anthracene	17.634	178	1311462	21.328	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.551	216	332014	21.302	ng/ul	100
76) Pentachlorobenzene	15.063	250	349095	21.392	ng/ul	100
77) Carbazole	17.904	167	1222038	22.072	ng/ul	100
78) Di-n-butylphthalate	18.434	149	1519189	21.626	ng/ul	100
80) Fluoranthene	19.498	202	1600104	21.102	ng/ul	100
82) Pyrene	19.851	202	1659566	21.154	ng/ul	100
83) Butylbenzylphthalate	20.704	149	748706	21.593	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.492	252	589593	21.456	ng/ul	100
85) Benzo(a)anthracene	21.569	228	1744784	21.458	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	1115768	21.770	ng/ul	100
87) Chrysene	21.622	228	1655306	21.538	ng/ul	100
89) Di-n-octyl phthalate	22.433	149	2008574	21.353	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	1898970	20.554	ng/ul	100
91) Benzo(k)fluoranthene	23.404	252	1886384	21.122	ng/ul	100
93) Benzo(a)pyrene	24.027	252	1679566	20.851	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.845	276	2188870	20.997	ng/ul	100
95) Dibenzo(a,h)anthracene	26.862	278	1784223	21.009	ng/ul	100
96) Benzo(g,h,i)perylene	27.686	276	1776658	20.681	ng/ul	100

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

