

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022522\
 Data File : BP009236.D
 Acq On : 25 Feb 2022 15:47
 Operator : CG/JU
 Sample : SSTD02052
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020603

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2022
 Supervised By :mohammad ahmed 03/02/2022

Quant Time: Feb 25 23:46:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP022522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 25 23:39:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	2712	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	10151	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	7741	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	18257	20.000	ng/u1	0.00
79) Chrysene-d12	21.333	240	21747	20.000	ng/u1	0.00
88) Perylene-d12	23.751	264	24339	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	647	10.753	ng/uL	0.00
4) Pyridine-d5	3.723	84	3751	22.277	ng/u1	0.00
7) Phenol-d5	6.993	99	5446	25.172	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	2452	19.954	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	3339	19.401	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	4191	24.147	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	1552	21.607	ng/u1	0.00
24) 2-Nitrophenol-d4	9.705	143	2116m	32.128	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	4053	25.070	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	4346	19.474	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	12535	21.916	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	14342	20.054	ng/u1	0.00
54) 4-Nitrophenol-d4	14.651	143	2015	22.225	ng/u1	0.00
60) Fluorene-d10	15.463	176	10745	21.638	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	2692	33.496	ng/u1	0.00
73) Anthracene-d10	17.328	188	17210	19.892	ng/u1	0.00
81) Pyrene-d10	19.569	212	22942	17.606	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.592	264	25794	20.591	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	612	9.408	ng/uL	100
5) Pyridine	3.740	79	3604	20.861	ng/u1	100
6) Benzaldehyde	6.963	77	3373	27.352	ng/u1	100
8) Phenol	7.016	94	5442	24.480	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.252	93	4399	24.725	ng/u1	100
12) 2-Chlorophenol	7.387	128	3144	17.503	ng/u1	100
13) 2-Methylphenol	8.269	108	4545	26.388	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.358	45	2424	11.828	ng/u1	100
16) Acetophenone	8.646	105	7188	26.772	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.640	70	3021	22.607	ng/u1	100
18) 4-Methylphenol	8.599	108	4443	24.094	ng/u1	100
19) Hexachloroethane	8.910	117	1819	24.876	ng/u1	100
22) Nitrobenzene	9.022	77	4556	27.489	ng/u1	100
23) Isophorone	9.552	82	9679	27.847	ng/u1	100
25) 2-Nitrophenol	9.740	139	1885	24.870	ng/u1	100
26) 2,4-Dimethylphenol	9.799	107	5631	31.436	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.040	93	6119	28.165	ng/u1	100
29) 2,4-Dichlorophenol	10.263	162	3487	21.503	ng/u1	100
30) Naphthalene	10.675	128	10808	20.115	ng/u1	100
32) 4-Chloroaniline	10.781	127	4549	20.102	ng/u1	100
33) Hexachlorobutadiene	10.981	225	3428	30.488	ng/u1	100
34) Caprolactam	11.563	113	1371m	29.672	ng/u1	100
35) 4-Chloro-3-methylphenol	11.910	107	5507	34.638	ng/u1	100
36) 2-Methylnaphthalene	12.287	142	7718	20.299	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	7548	19.500	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.657	216	5744	22.989	ng/ul	100
40) Hexachlorocyclopentadiene	12.646	237	4227	25.278	ng/ul	100
41) 2,4,6-Trichlorophenol	12.898	196	3982	28.065	ng/ul	100
42) 2,4,5-Trichlorophenol	12.957	196	3670	23.769	ng/ul	100
43) 1,1'-Biphenyl	13.298	154	10290	17.148	ng/ul	100
44) 2-Chloronaphthalene	13.340	162	8635	18.664	ng/ul	100
45) 2-Nitroaniline	13.534	65	2341	25.174	ng/ul	100
47) Dimethylphthalate	13.928	163	11679	20.467	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	2378	23.444	ng/ul	100
50) Acenaphthylene	14.187	152	13525	18.483	ng/ul	100
51) 3-Nitroaniline	14.363	138	2433	23.277	ng/ul	100
52) Acenaphthene	14.528	153	8724	18.258	ng/ul	100
53) 2,4-Dinitrophenol	14.569	184	1544	36.063	ng/ul	100
55) 4-Nitrophenol	14.663	109	2793	44.309	ng/ul	100
56) Dibenzofuran	14.869	168	13599	19.463	ng/ul	100
57) 2,4-Dinitrotoluene	14.822	165	3406	24.269	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.092	232	3493	29.123	ng/ul	100
59) Diethylphthalate	15.304	149	11336	20.339	ng/ul	100
61) Fluorene	15.522	166	10933	19.640	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	6712	22.731	ng/ul	100
63) 4-Nitroaniline	15.522	138	2530	26.408	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.587	198	2457	28.894	ng/ul	100
67) N-Nitrosodiphenylamine	15.734	169	10235	18.332	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	4602	21.978	ng/ul	100
69) Hexachlorobenzene	16.534	284	5476	22.462	ng/ul	100
70) Atrazine	16.687	200	4423	20.877	ng/ul	100
71) Pentachlorophenol	16.875	266	3286	26.371	ng/ul	100
72) Phenanthrene	17.269	178	18362	18.261	ng/ul	100
74) Anthracene	17.363	178	19793	19.630	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.263	216	6406	20.684	ng/uL	100
76) Pentachlorobenzene	14.787	250	5974	21.012	ng/uL	100
77) Carbazole	17.628	167	17179	19.994	ng/ul	100
78) Di-n-butylphthalate	18.204	149	21347	21.279	ng/ul	100
80) Fluoranthene	19.245	202	25252	16.298	ng/ul	100
82) Pyrene	19.598	202	25231	16.161	ng/ul	100
83) Butylbenzylphthalate	20.492	149	10577	19.989	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.251	252	11636	25.262	ng/ul	100
85) Benzo(a)anthracene	21.322	228	27086	19.293	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.269	149	15451	19.238	ng/ul	100
87) Chrysene	21.369	228	26210	19.335	ng/ul	100
89) Di-n-octyl phthalate	22.204	149	29227	18.857	ng/ul	100
90) Benzo(b)fluoranthene	23.010	252	31421	19.482	ng/ul	100
91) Benzo(k)fluoranthene	23.063	252	27282	17.527	ng/ul	100
93) Benzo(a)pyrene	23.639	252	29278	18.965	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.257	276	34427	20.222	ng/ul	100
95) Dibenzo(a,h)anthracene	26.280	278	29809	20.179	ng/ul	100
96) Benzo(g,h,i)perylene	27.021	276	28544	20.286	ng/ul	100

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

