

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022123\
 Data File : BP013866.D
 Acq On : 21 Feb 2023 15:41
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020765

Quant Time: Feb 22 01:53:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 22 01:41:33 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/22/2023
 Supervised By :mohammad ahmed 02/22/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	202136	20.000	ng/u1	0.01
20) Naphthalene-d8	10.946	136	850204	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.751	164	568593	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	1262959	20.000	ng/u1	0.01
79) Chrysene-d12	21.586	240	1038939	20.000	ng/u1	0.01
88) Perylene-d12	24.145	264	966267	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	35957	7.373	ng/uL	0.00
4) Pyridine-d5	3.893	84	251037	17.363	ng/u1	0.00
7) Phenol-d5	7.257	99	319633	17.748	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	186006	17.625	ng/u1	0.01
11) 2-Chlorophenol-d4	7.640	132	250013	18.858	ng/u1	0.01
15) 4-Methylphenol-d8	8.822	113	261977	17.797	ng/u1	0.01
21) Nitrobenzene-d5	9.287	128	126652	21.410	ng/u1	0.01
24) 2-Nitrophenol-d4	10.016	143	147547	21.603	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.557	165	281971	20.258	ng/u1	0.01
31) 4-Chloroaniline-d4	11.075	131	352185	17.851	ng/u1	0.01
46) Dimethylphthalate-d6	14.157	166	829750	18.528	ng/u1	0.01
49) Acenaphthylene-d8	14.451	160	918953	18.956	ng/u1	0.01
54) 4-Nitrophenol-d4	14.939	143	131505	16.483	ng/u1	0.01
60) Fluorene-d10	15.745	176	682842	17.901	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.863	200	149267	19.265	ng/u1	0.01
73) Anthracene-d10	17.610	188	1075188	18.618	ng/u1	0.01
81) Pyrene-d10	19.827	212	1216058	20.640	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.974	264	922011	19.043	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	37726	7.206	ng/uL	96
5) Pyridine	3.911	79	245706	17.196	ng/u1	98
6) Benzaldehyde	7.246	77	148431	18.276	ng/u1	96
8) Phenol	7.287	94	326854	17.680	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.528	93	262792	17.739	ng/u1	97
12) 2-Chlorophenol	7.669	128	255744	18.800	ng/u1	99
13) 2-Methylphenol	8.552	108	251036	17.790	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.646	45	283765	16.840	ng/u1	96
16) Acetophenone	8.946	105	423667	17.947	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.928	70	215027	18.342	ng/u1	98
18) 4-Methylphenol	8.887	108	272808	17.511	ng/u1	98
19) Hexachloroethane	9.204	117	111199	19.962	ng/u1	93
22) Nitrobenzene	9.328	77	316622	20.344	ng/u1	99
23) Isophorone	9.857	82	638497	19.446	ng/u1	99
25) 2-Nitrophenol	10.046	139	149588	20.207	ng/u1	94
26) 2,4-Dimethylphenol	10.099	107	321938	19.532	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.340	93	363022	18.308	ng/u1	98
29) 2,4-Dichlorophenol	10.581	162	267629	19.531	ng/u1	98
30) Naphthalene	10.993	128	833981	18.427	ng/u1	99
32) 4-Chloroaniline	11.104	127	354943	17.846	ng/u1	99
33) Hexachlorobutadiene	11.275	225	200296	20.751	ng/u1	98
34) Caprolactam	11.881	113	80259m	16.692	ng/u1	
35) 4-Chloro-3-methylphenol	12.210	107	297198	18.786	ng/u1	100
36) 2-Methylnaphthalene	12.587	142	570055	17.915	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	594915	18.094	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.951	216	370571	20.682	ng/u1	99
40) Hexachlorocyclopentadiene	12.934	237	246919	21.462	ng/u1	100
41) 2,4,6-Trichlorophenol	13.192	196	252403	21.467	ng/u1	100
42) 2,4,5-Trichlorophenol	13.263	196	269689	21.190	ng/u1	97
43) 1,1'-Biphenyl	13.587	154	808510	18.951	ng/u1	100
44) 2-Chloronaphthalene	13.634	162	650967	19.395	ng/u1	99
45) 2-Nitroaniline	13.834	65	166997	20.657	ng/u1	97
47) Dimethylphthalate	14.204	163	818641	18.431	ng/u1	100
48) 2,6-Dinitrotoluene	14.328	165	163063	21.012	ng/u1	96
50) Acenaphthylene	14.475	152	967388	18.498	ng/u1	99
51) 3-Nitroaniline	14.657	138	145388	18.949	ng/u1	98
52) Acenaphthene	14.822	153	666385	18.205	ng/u1	99
53) 2,4-Dinitrophenol	14.863	184	95834	17.317	ng/u1	98
55) 4-Nitrophenol	14.951	109	124574	17.795	ng/u1	93
56) Dibenzofuran	15.151	168	963060	18.352	ng/u1	98
57) 2,4-Dinitrotoluene	15.110	165	233624	20.193	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.375	232	228729	19.067	ng/u1	98
59) Diethylphthalate	15.563	149	818794	18.357	ng/u1	100
61) Fluorene	15.804	166	763581	17.835	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.792	204	418398	18.795	ng/u1	99
63) 4-Nitroaniline	15.816	138	118591	16.322	ng/u1	94
66) 4,6-Dinitro-2-methylph...	15.875	198	143668	18.913	ng/u1	99
67) N-Nitrosodiphenylamine	16.004	169	654039	19.052	ng/u1	99
68) 4-Bromophenyl-phenylether	16.686	248	272534	20.434	ng/u1	98
69) Hexachlorobenzene	16.810	284	307047	19.757	ng/u1	96
70) Atrazine	16.957	200	259982	18.938	ng/u1	98
71) Pentachlorophenol	17.151	266	187657	18.556	ng/u1	99
72) Phenanthrene	17.551	178	1222190	18.288	ng/u1	100
74) Anthracene	17.645	178	1251154	18.608	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.557	216	364150	21.599	ng/uL	99
76) Pentachlorobenzene	15.069	250	367371	21.116	ng/uL	99
77) Carbazole	17.910	167	1056462	17.837	ng/u1	99
78) Di-n-butylphthalate	18.439	149	1301962	18.124	ng/u1	100
80) Fluoranthene	19.504	202	1413227	20.953	ng/u1	96
82) Pyrene	19.857	202	1444211	20.083	ng/u1#	94
83) Butylbenzylphthalate	20.704	149	519511	21.109	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.492	252	443575	18.970	ng/u1	99
85) Benzo(a)anthracene	21.569	228	1327269	18.696	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	749947	19.899	ng/u1	98
87) Chrysene	21.627	228	1251223	18.681	ng/u1	98
89) Di-n-octyl phthalate	22.439	149	1135341	17.075	ng/u1	100
90) Benzo(b)fluoranthene	23.357	252	1209018	18.764	ng/u1	98
91) Benzo(k)fluoranthene	23.410	252	1192447	18.655	ng/u1	98
93) Benzo(a)pyrene	24.027	252	1027422	18.814	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.839	276	1279296	20.885	ng/u1	96
95) Dibenzo(a,h)anthracene	26.856	278	1047500	20.472	ng/u1	97
96) Benzo(g,h,i)perylene	27.674	276	1042434	21.376	ng/u1	96

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

