

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
 Data File : BP013766.D
 Acq On : 04 Feb 2023 07:22
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020755

Quant Time: Feb 05 23:49:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 03 23:44:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2023
 Supervised By :mohammad ahmed 02/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	297988	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1296603	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	941466	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	2269813	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	2502838	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	2797478	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.476	96	54364	7.735	ng/uL	0.00
4) Pyridine-d5	3.905	84	414297	20.544	ng/u1	0.00
7) Phenol-d5	7.275	99	540476	20.637	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	320755	20.882	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	401692	20.923	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	439961	21.073	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	194302	23.491	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	231333	23.999	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	486561	21.585	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	633663	21.284	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1516236	20.431	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1689184	20.601	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	249588	19.953	ng/u1	0.00
60) Fluorene-d10	15.757	176	1416385	22.142	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	224762	17.670	ng/u1	0.00
73) Anthracene-d10	17.616	188	2185953	20.661	ng/u1	0.00
81) Pyrene-d10	19.833	212	2816655	20.178	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.992	264	2962039	20.741	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.511	88	58336	7.965	ng/uL	94
5) Pyridine	3.928	79	414420	20.409	ng/u1	98
6) Benzaldehyde	7.258	77	235284	22.406	ng/u1	97
8) Phenol	7.299	94	567360	21.168	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.540	93	445859	20.701	ng/u1	96
12) 2-Chlorophenol	7.687	128	415801	21.378	ng/u1	99
13) 2-Methylphenol	8.569	108	421945	20.619	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.663	45	530928	20.821	ng/u1	98
16) Acetophenone	8.958	105	703219	21.606	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.940	70	352128	21.597	ng/u1	99
18) 4-Methylphenol	8.899	108	475996	21.417	ng/u1	99
19) Hexachloroethane	9.222	117	161490	21.212	ng/u1	96
22) Nitrobenzene	9.346	77	505949	22.647	ng/u1	98
23) Isophorone	9.875	82	1035668	20.249	ng/u1	99
25) 2-Nitrophenol	10.058	139	249540	23.397	ng/u1	99
26) 2,4-Dimethylphenol	10.110	107	519355	21.552	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.352	93	641392	20.692	ng/u1	99
29) 2,4-Dichlorophenol	10.593	162	478823	21.949	ng/u1	100
30) Naphthalene	11.005	128	1433280	20.915	ng/u1	99
32) 4-Chloroaniline	11.110	127	645856	21.555	ng/u1	99
33) Hexachlorobutadiene	11.287	225	335062	21.777	ng/u1	99
34) Caprolactam	11.893	113	151076m	20.482	ng/u1	
35) 4-Chloro-3-methylphenol	12.222	107	498212	21.322	ng/u1	99
36) 2-Methylnaphthalene	12.599	142	1044615	21.415	ng/u1	100

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37) 1-Methylnaphthalene	12.822	142	1047553	21.263	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.963	216	679724	21.857	ng/u1	99
40) Hexachlorocyclopentadiene	12.946	237	310196	17.740	ng/u1	99
41) 2,4,6-Trichlorophenol	13.199	196	439366	21.327	ng/u1	97
42) 2,4,5-Trichlorophenol	13.269	196	487087	21.695	ng/u1	98
43) 1,1'-Biphenyl	13.599	154	1473670	20.674	ng/u1	99
44) 2-Chloronaphthalene	13.646	162	1179043	20.907	ng/u1	99
45) 2-Nitroaniline	13.846	65	278989	25.989	ng/u1	97
47) Dimethylphthalate	14.210	163	1485301	20.315	ng/u1	100
48) 2,6-Dinitrotoluene	14.334	165	276446	26.532	ng/u1	99
50) Acenaphthylene	14.487	152	1788504	20.686	ng/u1	99
51) 3-Nitroaniline	14.663	138	246041	22.341	ng/u1	99
52) Acenaphthene	14.828	153	1231009	20.718	ng/u1	99
53) 2,4-Dinitrophenol	14.869	184	95944	11.855	ng/u1	95
55) 4-Nitrophenol	14.963	109	193795	20.324	ng/u1	98
56) Dibenzofuran	15.163	168	1813509	21.013	ng/u1	99
57) 2,4-Dinitrotoluene	15.116	165	411606	25.151	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.381	232	449724	21.313	ng/u1	98
59) Diethylphthalate	15.569	149	1429352	20.364	ng/u1	100
61) Fluorene	15.810	166	1518509	21.620	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.798	204	837716	21.892	ng/u1	99
63) 4-Nitroaniline	15.828	138	239704	23.245	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.881	198	225868	17.842	ng/u1	99
67) N-Nitrosodiphenylamine	16.010	169	1271968	20.762	ng/u1	100
68) 4-Bromophenyl-phenylether	16.698	248	535142	20.723	ng/u1	99
69) Hexachlorobenzene	16.816	284	630777	20.820	ng/u1	99
70) Atrazine	16.963	200	509714	20.672	ng/u1	98
71) Pentachlorophenol	17.157	266	376236	19.456	ng/u1	97
72) Phenanthrene	17.557	178	2478381	20.671	ng/u1	100
74) Anthracene	17.651	178	2521485	20.764	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	682385	21.102	ng/uL	99
76) Pentachlorobenzene	15.081	250	706060	21.298	ng/uL	99
77) Carbazole	17.916	167	2227522	21.144	ng/u1	99
78) Di-n-butylphthalate	18.445	149	2491841	20.018	ng/u1	100
80) Fluoranthene	19.510	202	3466740	21.307	ng/u1	100
82) Pyrene	19.863	202	3385580	20.352	ng/u1	100
83) Butylbenzylphthalate	20.716	149	1063224	22.246	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.498	252	1194690	21.016	ng/u1	98
85) Benzo(a)anthracene	21.575	228	3575027	20.777	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.475	149	1760674	21.487	ng/u1	98
87) Chrysene	21.633	228	3388195	20.915	ng/u1	99
89) Di-n-octyl phthalate	22.451	149	3021598	20.504	ng/u1	100
90) Benzo(b)fluoranthene	23.369	252	3728652	20.418	ng/u1	99
91) Benzo(k)fluoranthene	23.422	252	3716968	21.296	ng/u1	99
93) Benzo(a)pyrene	24.045	252	3286922	20.848	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.863	276	3667539	18.776	ng/u1	100
95) Dibenzo(a,h)anthracene	26.886	278	3050244	18.836	ng/u1	100
96) Benzo(g,h,i)perylene	27.704	276	2887112	18.683	ng/u1	99

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

