

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
 Data File : BP013083.D
 Acq On : 12 Dec 2022 13:12
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020706

Quant Time: Dec 12 15:16:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 01:32:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
 Supervised By :mohammad ahmed 12/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	698207	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	2978226	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	1935066	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	4348313	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	3967853	20.000	ng/u1	0.01
88) Perylene-d12	23.957	264	3759898	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	121866	7.463	ng/uL	0.00
4) Pyridine-d5	3.776	84	891596	19.221	ng/u1	0.00
7) Phenol-d5	7.128	99	1130080	19.871	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	701347	20.444	ng/u1	0.00
11) 2-Chlorophenol-d4	7.499	132	903967	20.192	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	908193	19.490	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	444539	20.315	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	504026	20.460	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	979926	20.479	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	1330195	19.692	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	2854449	19.194	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	3310912	20.261	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	509722	19.054	ng/u1	0.00
60) Fluorene-d10	15.610	176	2496794	19.845	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	489692	17.500	ng/u1	0.00
73) Anthracene-d10	17.475	188	3941609	20.093	ng/u1	0.01
81) Pyrene-d10	19.704	212	4661636	20.468	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	3689423	19.687	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	122108	7.163	ng/uL	95
5) Pyridine	3.799	79	907332	19.681	ng/u1	98
6) Benzaldehyde	7.105	77	440160	19.766	ng/u1	98
8) Phenol	7.152	94	1161138	20.193	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.393	93	937104	19.856	ng/u1	99
12) 2-Chlorophenol	7.534	128	926472	20.180	ng/u1	98
13) 2-Methylphenol	8.416	108	887703	19.802	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.505	45	1349563	20.839	ng/u1	98
16) Acetophenone	8.799	105	1460552	20.442	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.787	70	716122	19.931	ng/u1	95
18) 4-Methylphenol	8.746	108	973728	19.610	ng/u1	98
19) Hexachloroethane	9.058	117	359570	19.599	ng/u1	96
22) Nitrobenzene	9.181	77	1073196	20.901	ng/u1	95
23) Isophorone	9.710	82	2038268	19.632	ng/u1	98
25) 2-Nitrophenol	9.899	139	540684	20.256	ng/u1	96
26) 2,4-Dimethylphenol	9.952	107	1058191	20.318	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.193	93	1293892	19.490	ng/u1	99
29) 2,4-Dichlorophenol	10.434	162	955997	20.396	ng/u1	99
30) Naphthalene	10.840	128	3095029	19.871	ng/u1	100
32) 4-Chloroaniline	10.952	127	1340578	20.055	ng/u1	99
33) Hexachlorobutadiene	11.122	225	637385	19.805	ng/u1	99
34) Caprolactam	11.734	113	288573m	18.056	ng/u1	
35) 4-Chloro-3-methylphenol	12.069	107	976238	20.409	ng/u1	97
36) 2-Methylnaphthalene	12.446	142	2117423	19.816	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	2166176	19.712	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.810	216	1258157	20.192	ng/ul	99
40) Hexachlorocyclopentadiene	12.787	237	514978	12.700	ng/ul	99
41) 2,4,6-Trichlorophenol	13.046	196	817169	20.407	ng/ul	99
42) 2,4,5-Trichlorophenol	13.116	196	898844	20.897	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	2917574	20.075	ng/ul	99
44) 2-Chloronaphthalene	13.493	162	2283663	19.965	ng/ul	100
45) 2-Nitroaniline	13.698	65	604636	21.803	ng/ul	99
47) Dimethylphthalate	14.069	163	2843599	19.292	ng/ul	100
48) 2,6-Dinitrotoluene	14.193	165	560439	20.459	ng/ul	99
50) Acenaphthylene	14.340	152	3523832	20.057	ng/ul	100
51) 3-Nitroaniline	14.522	138	480766	18.587	ng/ul	97
52) Acenaphthene	14.681	153	2420836	19.884	ng/ul	100
53) 2,4-Dinitrophenol	14.728	184	296228	15.820	ng/ul	99
55) 4-Nitrophenol	14.828	109	372158	20.389	ng/ul	98
56) Dibenzofuran	15.016	168	3456425	19.968	ng/ul	100
57) 2,4-Dinitrotoluene	14.981	165	812525	20.420	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.240	232	778641	19.836	ng/ul	100
59) Diethylphthalate	15.434	149	2785005	19.436	ng/ul	100
61) Fluorene	15.669	166	2793988	20.126	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.657	204	1456415	19.839	ng/ul	99
63) 4-Nitroaniline	15.687	138	454162	19.954	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.745	198	489057	17.885	ng/ul	98
67) N-Nitrosodiphenylamine	15.875	169	2381109	19.751	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	904126	19.146	ng/ul	98
69) Hexachlorobenzene	16.675	284	1081597	19.290	ng/ul	99
70) Atrazine	16.828	200	909352	19.357	ng/ul	99
71) Pentachlorophenol	17.022	266	633775	18.664	ng/ul	98
72) Phenanthrene	17.416	178	4540613	20.048	ng/ul	100
74) Anthracene	17.510	178	4583292	20.267	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.416	216	1251715	20.176	ng/ul	99
76) Pentachlorobenzene	14.934	250	1247209	19.718	ng/ul	100
77) Carbazole	17.775	167	4063252	21.335	ng/ul	99
78) Di-n-butylphthalate	18.316	149	4683016	20.195	ng/ul	100
80) Fluoranthene	19.381	202	5402109	20.898	ng/ul	100
82) Pyrene	19.733	202	5615572	21.060	ng/ul	99
83) Butylbenzylphthalate	20.598	149	2091042	20.299	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.375	252	1500710	16.742	ng/ul	99
85) Benzo(a)anthracene	21.445	228	5317733	20.188	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	2971962	20.452	ng/ul	100
87) Chrysene	21.504	228	4940693	19.834	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	4874425	23.141	ng/ul	100
90) Benzo(b)fluoranthene	23.192	252	4892443	20.406	ng/ul	100
91) Benzo(k)fluoranthene	23.239	252	4801512	20.196	ng/ul	100
93) Benzo(a)pyrene	23.845	252	4184372	20.044	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.568	276	5114358	19.667	ng/ul	100
95) Dibenzo(a,h)anthracene	26.586	278	4274532	19.854	ng/ul	99
96) Benzo(g,h,i)perylene	27.374	276	3993581	19.130	ng/ul	99

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

