

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010923\
 Data File : BP013411.D
 Acq On : 09 Jan 2023 09:07
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020739

Quant Time: Jan 09 09:52:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 06 01:03:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
 Supervised By :mohammad ahmed 01/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	516189	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	2127453	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	1338410	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	2872250	20.000	ng/u1	0.00
79) Chrysene-d12	21.410	240	2424953	20.000	ng/u1	0.00
88) Perylene-d12	23.868	264	2476622	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	102890	7.748	ng/uL	0.00
4) Pyridine-d5	3.740	84	706219	19.066	ng/u1	0.00
7) Phenol-d5	7.075	99	801447	18.711	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	545595	20.191	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	643158	20.135	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	625688	19.174	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	293679	19.387	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	327134	19.728	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	655253	19.828	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	863289	18.543	ng/u1	0.00
46) Dimethylphthalate-d6	13.969	166	1872952	19.207	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	2130532	19.738	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	309948	17.365	ng/u1	0.00
60) Fluorene-d10	15.557	176	1634617	18.978	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	321900	17.675	ng/u1	0.00
73) Anthracene-d10	17.422	188	2458062	19.362	ng/u1	0.00
81) Pyrene-d10	19.657	212	2744678	20.803	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.710	264	2269638	18.657	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	109980	7.520	ng/uL	98
5) Pyridine	3.758	79	721380	19.260	ng/u1	97
6) Benzaldehyde	7.052	77	329021	20.140	ng/u1	97
8) Phenol	7.105	94	835509	18.855	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.340	93	702487	20.048	ng/u1	99
12) 2-Chlorophenol	7.475	128	657362	19.755	ng/u1	98
13) 2-Methylphenol	8.363	108	606440	19.056	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.452	45	1126742	20.838	ng/u1	98
16) Acetophenone	8.746	105	1028036	19.961	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.728	70	528485	21.463	ng/u1	99
18) 4-Methylphenol	8.693	108	673413	19.252	ng/u1	99
19) Hexachloroethane	8.999	117	271127	20.222	ng/u1	99
22) Nitrobenzene	9.128	77	783397	19.813	ng/u1	99
23) Isophorone	9.657	82	1408756	20.359	ng/u1	99
25) 2-Nitrophenol	9.840	139	363893	20.184	ng/u1	99
26) 2,4-Dimethylphenol	9.899	107	733841	19.511	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.134	93	925402	20.238	ng/u1	98
29) 2,4-Dichlorophenol	10.375	162	650514	19.676	ng/u1	98
30) Naphthalene	10.781	128	2133668	18.853	ng/u1	99
32) 4-Chloroaniline	10.893	127	880902	18.820	ng/u1	98
33) Hexachlorobutadiene	11.057	225	457842	19.284	ng/u1	98
34) Caprolactam	11.681	113	163517m	16.624	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	634395	19.882	ng/u1	100
36) 2-Methylnaphthalene	12.387	142	1419226	19.608	ng/u1	97

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37) 1-Methylnaphthalene	12.604	142	1456473	19.400	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	865216	18.856	ng/u1	99
40) Hexachlorocyclopentadiene	12.728	237	505367	18.307	ng/u1	98
41) 2,4,6-Trichlorophenol	12.993	196	525977	19.487	ng/u1	99
42) 2,4,5-Trichlorophenol	13.069	196	568026	19.338	ng/u1	98
43) 1,1'-Biphenyl	13.392	154	1957528	19.265	ng/u1	100
44) 2-Chloronaphthalene	13.440	162	1538627	18.765	ng/u1	99
45) 2-Nitroaniline	13.645	65	396073	19.961	ng/u1	96
47) Dimethylphthalate	14.016	163	1882070	19.319	ng/u1	99
48) 2,6-Dinitrotoluene	14.145	165	343854	20.382	ng/u1	99
50) Acenaphthylene	14.287	152	2325021	19.545	ng/u1	100
51) 3-Nitroaniline	14.475	138	288746	16.159	ng/u1	99
52) Acenaphthene	14.628	153	1608416	18.891	ng/u1	100
53) 2,4-Dinitrophenol	14.681	184	200953	16.002	ng/u1	97
55) 4-Nitrophenol	14.781	109	238813	17.603	ng/u1	98
56) Dibenzofuran	14.963	168	2288754	18.717	ng/u1	98
57) 2,4-Dinitrotoluene	14.934	165	494200	19.707	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.187	232	502421	19.608	ng/u1	96
59) Diethylphthalate	15.381	149	1782225	19.545	ng/u1	99
61) Fluorene	15.616	166	1873400	19.193	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.604	204	999524	19.610	ng/u1	97
63) 4-Nitroaniline	15.634	138	254104	15.380	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.692	198	325433	18.103	ng/u1	94
67) N-Nitrosodiphenylamine	15.822	169	1544248	19.879	ng/u1	100
68) 4-Bromophenyl-phenylether	16.504	248	596348	20.044	ng/u1	97
69) Hexachlorobenzene	16.622	284	689286	19.215	ng/u1	99
70) Atrazine	16.781	200	546525	18.404	ng/u1	99
71) Pentachlorophenol	16.969	266	379678	17.782	ng/u1	98
72) Phenanthrene	17.363	178	2859199	18.724	ng/u1	99
74) Anthracene	17.457	178	2881399	19.103	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	854558	19.701	ng/u1	99
76) Pentachlorobenzene	14.881	250	829951	19.652	ng/u1	98
77) Carbazole	17.728	167	2425712	18.567	ng/u1	99
78) Di-n-butylphthalate	18.269	149	2714688	21.188	ng/u1	99
80) Fluoranthene	19.327	202	3220244	21.325	ng/u1	99
82) Pyrene	19.680	202	3361695	21.010	ng/u1	97
83) Butylbenzylphthalate	20.551	149	1046926	21.563	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.327	252	873427	19.544	ng/u1	99
85) Benzo(a)anthracene	21.392	228	3078518	19.170	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.304	149	1445139	21.368	ng/u1	100
87) Chrysene	21.451	228	2934128	18.745	ng/u1	100
89) Di-n-octyl phthalate	22.251	149	2310704	21.768	ng/u1	100
90) Benzo(b)fluoranthene	23.116	252	2882694	18.405	ng/u1	99
91) Benzo(k)fluoranthene	23.168	252	2986465	19.983	ng/u1	100
93) Benzo(a)pyrene	23.763	252	2588755	18.825	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.445	276	3496367	18.349	ng/u1	99
95) Dibenzo(a,h)anthracene	26.456	278	2936740	18.476	ng/u1	99
96) Benzo(g,h,i)perylene	27.227	276	2845806	18.158	ng/u1	99

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

