

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010923\
 Data File : BP013418.D
 Acq On : 09 Jan 2023 16:19
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020740

Quant Time: Jan 09 17:53:42 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	7.922	152	520278	20.000	ng/u1	0.00
20) Naphthalene-d8	10.734	136	2153767	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	1407680	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	3207750	20.000	ng/u1	0.01
79) Chrysene-d12	21.427	240	3255844	20.000	ng/u1	0.02
88) Perylene-d12	23.892	264	3634139	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	98621	7.368	ng/uL	0.00
4) Pyridine-d5	3.740	84	683117	18.298	ng/u1	0.00
7) Phenol-d5	7.081	99	804968	18.646	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	538601	19.775	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	641002	19.910	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	631185	19.190	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	300575	19.600	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	340412	20.278	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	667056	19.939	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	911106	19.331	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	2023227	19.727	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	2244042	19.767	ng/u1	0.00
54) 4-Nitrophenol-d4	14.775	143	355945	18.961	ng/u1	0.00
60) Fluorene-d10	15.569	176	1748984	19.307	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.692	200	369891	18.186	ng/u1	0.01
73) Anthracene-d10	17.433	188	2756965	19.445	ng/u1	0.01
81) Pyrene-d10	19.669	212	3385613	19.112	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.733	264	3373685	18.899	ng/u1	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	103549	7.025	ng/uL	99
5) Pyridine	3.758	79	682359	18.075	ng/u1	99
6) Benzaldehyde	7.058	77	329813	20.030	ng/u1	97
8) Phenol	7.110	94	830814	18.601	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.340	93	696186	19.712	ng/u1	97
12) 2-Chlorophenol	7.481	128	664182	19.803	ng/u1	99
13) 2-Methylphenol	8.369	108	612697	19.102	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.446	45	1117312	20.501	ng/u1	99
16) Acetophenone	8.752	105	1043708	20.106	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.734	70	534547	21.538	ng/u1	99
18) 4-Methylphenol	8.699	108	683406	19.384	ng/u1	98
19) Hexachloroethane	9.004	117	274234	20.293	ng/u1	93
22) Nitrobenzene	9.134	77	779935	19.485	ng/u1	98
23) Isophorone	9.663	82	1460321	20.846	ng/u1	99
25) 2-Nitrophenol	9.846	139	368848	20.209	ng/u1	99
26) 2,4-Dimethylphenol	9.904	107	745736	19.585	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.146	93	939046	20.285	ng/u1	99
29) 2,4-Dichlorophenol	10.381	162	659098	19.692	ng/u1	99
30) Naphthalene	10.787	128	2174865	18.982	ng/u1	99
32) 4-Chloroaniline	10.899	127	922289	19.463	ng/u1	100
33) Hexachlorobutadiene	11.069	225	465735	19.377	ng/u1	99
34) Caprolactam	11.687	113	187803m	18.860	ng/u1	
35) 4-Chloro-3-methylphenol	12.022	107	665410	20.599	ng/u1	98
36) 2-Methylnaphthalene	12.393	142	1460845	19.937	ng/u1	99

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37) 1-Methylnaphthalene	12.616	142	1498804	19.720	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.763	216	881253	18.261	ng/u1	99
40) Hexachlorocyclopentadiene	12.740	237	516217	17.780	ng/u1	99
41) 2,4,6-Trichlorophenol	13.004	196	559977	19.725	ng/u1	97
42) 2,4,5-Trichlorophenol	13.075	196	607931	19.678	ng/u1	98
43) 1,1'-Biphenyl	13.404	154	2023527	18.934	ng/u1	100
44) 2-Chloronaphthalene	13.445	162	1583821	18.365	ng/u1	99
45) 2-Nitroaniline	13.657	65	423954	20.315	ng/u1	98
47) Dimethylphthalate	14.028	163	2023762	19.751	ng/u1	100
48) 2,6-Dinitrotoluene	14.151	165	372388	20.987	ng/u1	99
50) Acenaphthylene	14.292	152	2427243	19.401	ng/u1	99
51) 3-Nitroaniline	14.481	138	321669	17.116	ng/u1	98
52) Acenaphthene	14.634	153	1694901	18.927	ng/u1	100
53) 2,4-Dinitrophenol	14.692	184	235628	17.840	ng/u1	97
55) 4-Nitrophenol	14.787	109	274961	19.270	ng/u1	99
56) Dibenzofuran	14.969	168	2427616	18.876	ng/u1	99
57) 2,4-Dinitrotoluene	14.939	165	552369	20.943	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.198	232	538749	19.991	ng/u1	97
59) Diethylphthalate	15.392	149	1961943	20.457	ng/u1	100
61) Fluorene	15.622	166	1984571	19.332	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.616	204	1048583	19.560	ng/u1	98
63) 4-Nitroaniline	15.645	138	298372	17.171	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.704	198	373620	18.610	ng/u1	97
67) N-Nitrosodiphenylamine	15.834	169	1669056	19.239	ng/u1	99
68) 4-Bromophenyl-phenylether	16.516	248	641386	19.303	ng/u1	97
69) Hexachlorobenzene	16.633	284	747464	18.657	ng/u1	98
70) Atrazine	16.786	200	640358	19.308	ng/u1	99
71) Pentachlorophenol	16.981	266	438015	18.368	ng/u1	99
72) Phenanthrene	17.375	178	3203619	18.786	ng/u1	99
74) Anthracene	17.469	178	3229190	19.169	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	873141	18.024	ng/u1	99
76) Pentachlorobenzene	14.892	250	878629	18.629	ng/u1	99
77) Carbazole	17.739	167	2841578	19.475	ng/u1	99
78) Di-n-butylphthalate	18.280	149	3291962	23.006	ng/u1	100
80) Fluoranthene	19.339	202	3892529	19.199	ng/u1	99
82) Pyrene	19.692	202	4114992	19.155	ng/u1	96
83) Butylbenzylphthalate	20.563	149	1493624	22.913	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.339	252	1306710	21.777	ng/u1	99
85) Benzo(a)anthracene	21.410	228	4158295	19.286	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.316	149	2374662	26.152	ng/u1	100
87) Chrysene	21.463	228	3951445	18.802	ng/u1	100
89) Di-n-octyl phthalate	22.268	149	3754277	24.102	ng/u1	100
90) Benzo(b)fluoranthene	23.139	252	4353901	18.944	ng/u1	99
91) Benzo(k)fluoranthene	23.186	252	4155242	18.947	ng/u1	100
93) Benzo(a)pyrene	23.786	252	3796570	18.814	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.474	276	5101140	18.244	ng/u1	99
95) Dibenzo(a,h)anthracene	26.492	278	4238515	18.172	ng/u1	100
96) Benzo(g,h,i)perylene	27.268	276	4073027	17.711	ng/u1	99

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

