

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017149.D
 Acq On : 13 Sep 2023 15:07
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020732

Quant Time: Sep 13 23:48:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :mohammad ahmed 09/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	243191	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	1083653	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.610	164	708323	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.381	188	1624199	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1546773	20.000	ng/u1	0.00
88) Perylene-d12	24.010	264	1542858	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	45759	7.907	ng/uL	0.00
4) Pyridine-d5	3.746	84	317524	19.180	ng/u1	0.00
7) Phenol-d5	7.105	99	369292	18.675	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	237517	19.217	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	299595	18.991	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	301883	18.420	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	143661	18.933	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	154679	19.094	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	298341	19.043	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	441043	18.677	ng/u1	0.00
46) Dimethylphthalate-d6	14.028	166	949463	18.836	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	1086309	18.993	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	167063	17.149	ng/u1	0.00
60) Fluorene-d10	15.610	176	824752	18.924	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	153719	16.940	ng/u1	0.00
73) Anthracene-d10	17.481	188	1301672	18.862	ng/u1	0.00
81) Pyrene-d10	19.722	212	1541734	19.005	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	1391883	19.114	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	48301	7.762	ng/uL	95
5) Pyridine	3.769	79	333878	19.471	ng/u1	97
6) Benzaldehyde	7.110	77	243450	22.113	ng/u1	98
8) Phenol	7.134	94	388293	18.618	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.387	93	315119	18.944	ng/u1	98
12) 2-Chlorophenol	7.505	128	303481	18.953	ng/u1	98
13) 2-Methylphenol	8.393	108	290342	18.674	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	438750m	19.463	ng/u1	
16) Acetophenone	8.805	105	491043	19.143	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.775	70	254442	19.303	ng/u1	98
18) 4-Methylphenol	8.728	108	319044	18.547	ng/u1	99
19) Hexachloroethane	9.016	117	124860	18.960	ng/u1	99
22) Nitrobenzene	9.193	77	374002	18.926	ng/u1	100
23) Isophorone	9.710	82	700251	18.910	ng/u1	99
25) 2-Nitrophenol	9.899	139	173066	19.222	ng/u1	98
26) 2,4-Dimethylphenol	9.940	107	343540	18.722	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.193	93	438479	18.892	ng/u1	99
29) 2,4-Dichlorophenol	10.416	162	302536	19.077	ng/u1	98
30) Naphthalene	10.828	128	1017513	18.556	ng/u1	99
32) 4-Chloroaniline	10.963	127	434251	18.845	ng/u1	97
33) Hexachlorobutadiene	11.057	225	203723	18.919	ng/u1	99
34) Caprolactam	11.787	113	93425	18.742	ng/u1	99
35) 4-Chloro-3-methylphenol	12.063	107	326121	19.006	ng/u1	100
36) 2-Methylnaphthalene	12.434	142	702186	18.977	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017149.D
 Acq On : 13 Sep 2023 15:07
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020732

Quant Time: Sep 13 23:48:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :mohammad ahmed 09/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	706817	18.872	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	399098	18.918	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	277440	21.107	ng/ul	99
41) 2,4,6-Trichlorophenol	13.040	196	253775	18.936	ng/ul	100
42) 2,4,5-Trichlorophenol	13.110	196	268276	18.829	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	940904	18.525	ng/ul	99
44) 2-Chloronaphthalene	13.493	162	751285	18.626	ng/ul	99
45) 2-Nitroaniline	13.728	65	208195	19.056	ng/ul	100
47) Dimethylphthalate	14.075	163	954122	18.646	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	176353	18.852	ng/ul	98
50) Acenaphthylene	14.340	152	1235518	18.699	ng/ul	100
51) 3-Nitroaniline	14.557	138	183795	18.366	ng/ul	98
52) Acenaphthene	14.675	153	808913	18.501	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	140703	21.474	ng/ul	97
55) 4-Nitrophenol	14.845	109	138434	17.755	ng/ul	96
56) Dibenzofuran	15.016	168	1133216	18.755	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	269245	19.329	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.228	232	241369	19.310	ng/ul	98
59) Diethylphthalate	15.428	149	959361	18.990	ng/ul	100
61) Fluorene	15.663	166	940324	18.823	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.657	204	487762	19.205	ng/ul	98
63) 4-Nitroaniline	15.728	138	177500	19.078	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.751	198	170433	17.501	ng/ul	98
67) N-Nitrosodiphenylamine	15.881	169	781566	18.507	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	291608	18.835	ng/ul	95
69) Hexachlorobenzene	16.639	284	340891	18.602	ng/ul	99
70) Atrazine	16.839	200	297060	19.432	ng/ul	100
71) Pentachlorophenol	17.004	266	203780	17.111	ng/ul	98
72) Phenanthrene	17.428	178	1496833	18.339	ng/ul	100
74) Anthracene	17.516	178	1538100	18.606	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	423733	18.869	ng/ul	100
76) Pentachlorobenzene	14.904	250	385164	18.902	ng/ul	98
77) Carbazole	17.804	167	1349519	18.591	ng/ul	99
78) Di-n-butylphthalate	18.316	149	1621901	19.608	ng/ul	100
80) Fluoranthene	19.392	202	1773084	18.700	ng/ul	100
82) Pyrene	19.751	202	1888640	18.851	ng/ul	99
83) Butylbenzylphthalate	20.610	149	710092	19.873	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	558579	17.614	ng/ul	100
85) Benzo(a)anthracene	21.469	228	1871393	18.478	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	1040059	20.735	ng/ul	100
87) Chrysene	21.521	228	1751273	18.589	ng/ul	98
89) Di-n-octyl phthalate	22.310	149	1722111	20.130	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1699325	18.686	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	1737067	19.213	ng/ul	100
93) Benzo(a)pyrene	23.892	252	1576329	18.683	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.680	276	1728518	18.501	ng/ul	100
95) Dibenzo(a,h)anthracene	26.709	278	1464748	18.663	ng/ul	99
96) Benzo(g,h,i)perylene	27.515	276	1331695	18.433	ng/ul	98

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

