

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091023\
 Data File : BP017093.D
 Acq On : 11 Sep 2023 07:36
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020728

Quant Time: Sep 11 08:11:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 06:13:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/11/2023
 Supervised By :mohammad ahmed 09/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	307775	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	1397109	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	867188	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1874191	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1771553	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	1903824	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	65268	8.094	ng/uL	0.00
4) Pyridine-d5	3.752	84	490531	20.173	ng/u1	0.00
7) Phenol-d5	7.111	99	555107	19.842	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	385662	20.554	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	431208	21.325	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	449707	20.320	ng/u1	0.00
21) Nitrobenzene-d5	9.157	128	212084	21.322	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	223649	21.786	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	416434	21.393	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	640750	20.527	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	1317331	21.349	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	1518507	21.612	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	262124	20.591	ng/u1	0.00
60) Fluorene-d10	15.616	176	1116904	21.330	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	202087	19.107	ng/u1	0.00
73) Anthracene-d10	17.486	188	1715333	21.352	ng/u1	0.00
81) Pyrene-d10	19.727	212	1955267	20.958	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.851	264	1947716	21.311	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	73532	8.401	ng/uL	98
5) Pyridine	3.775	79	513642	20.110	ng/u1	99
6) Benzaldehyde	7.116	77	389278	23.649	ng/u1	98
8) Phenol	7.134	94	600327	20.192	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.393	93	487620	20.565	ng/u1	97
12) 2-Chlorophenol	7.510	128	439202	20.962	ng/u1	99
13) 2-Methylphenol	8.399	108	431710	20.247	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	765815m	20.622	ng/u1	
16) Acetophenone	8.810	105	744872	20.955	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.781	70	408733	21.491	ng/u1	99
18) 4-Methylphenol	8.734	108	479773	20.586	ng/u1	100
19) Hexachloroethane	9.028	117	184870	20.938	ng/u1	98
22) Nitrobenzene	9.199	77	594478	20.851	ng/u1	98
23) Isophorone	9.716	82	1103475	21.307	ng/u1	100
25) 2-Nitrophenol	9.904	139	251042	21.766	ng/u1	98
26) 2,4-Dimethylphenol	9.946	107	500198	20.304	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.204	93	674866	20.781	ng/u1	98
29) 2,4-Dichlorophenol	10.422	162	420519	21.031	ng/u1	100
30) Naphthalene	10.840	128	1489844	20.698	ng/u1	100
32) 4-Chloroaniline	10.969	127	635817	20.511	ng/u1	99
33) Hexachlorobutadiene	11.063	225	229716	20.629	ng/u1	99
34) Caprolactam	11.793	113	148192	21.169	ng/u1	95
35) 4-Chloro-3-methylphenol	12.069	107	490407	21.818	ng/u1	97
36) 2-Methylnaphthalene	12.440	142	1005039	20.911	ng/u1	100

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37) 1-Methylnaphthalene	12.663	142	1023386	20.942	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.793	216	460138	20.481	ng/ul	98
40) Hexachlorocyclopentadiene	12.740	237	241956	18.177	ng/ul	98
41) 2,4,6-Trichlorophenol	13.045	196	317148	21.193	ng/ul	98
42) 2,4,5-Trichlorophenol	13.116	196	345157	21.190	ng/ul	99
43) 1,1'-Biphenyl	13.451	154	1342180	20.927	ng/ul	99
44) 2-Chloronaphthalene	13.498	162	1044318	20.768	ng/ul	99
45) 2-Nitroaniline	13.734	65	349756	21.949	ng/ul	99
47) Dimethylphthalate	14.081	163	1342092	21.272	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	251516	22.165	ng/ul	95
50) Acenaphthylene	14.345	152	1765589	21.320	ng/ul	99
51) 3-Nitroaniline	14.563	138	276420	21.415	ng/ul	97
52) Acenaphthene	14.681	153	1165558	20.919	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	128511	17.964	ng/ul	96
55) 4-Nitrophenol	14.851	109	220029	20.962	ng/ul	97
56) Dibenzofuran	15.022	168	1580774	20.887	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	385187	22.142	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.234	232	274653	21.630	ng/ul	97
59) Diethylphthalate	15.434	149	1365448	21.446	ng/ul	98
61) Fluorene	15.669	166	1335910	21.149	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.663	204	619054	21.175	ng/ul	98
63) 4-Nitroaniline	15.734	138	277526	22.282	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.757	198	225958	19.623	ng/ul#	93
67) N-Nitrosodiphenylamine	15.887	169	1084201	21.033	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	325810	20.788	ng/ul	96
69) Hexachlorobenzene	16.645	284	364179	20.882	ng/ul	98
70) Atrazine	16.845	200	382255	21.433	ng/ul	98
71) Pentachlorophenol	17.010	266	226577	19.110	ng/ul	100
72) Phenanthrene	17.433	178	2058377	20.960	ng/ul	100
74) Anthracene	17.522	178	2102204	21.173	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	491214	20.624	ng/ul	98
76) Pentachlorobenzene	14.910	250	427524	20.833	ng/ul	99
77) Carbazole	17.810	167	1924384	21.265	ng/ul	100
78) Di-n-butylphthalate	18.322	149	2321073	22.245	ng/ul	99
80) Fluoranthene	19.398	202	2345957	20.845	ng/ul	100
82) Pyrene	19.757	202	2505077	20.841	ng/ul	99
83) Butylbenzylphthalate	20.616	149	1085391	21.947	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.410	252	782177	21.620	ng/ul	99
85) Benzo(a)anthracene	21.469	228	2512021	21.152	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	1587708	22.432	ng/ul	100
87) Chrysene	21.527	228	2322932	21.328	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	2763001	19.461	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2436589	20.959	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	2410184	20.619	ng/ul	99
93) Benzo(a)pyrene	23.904	252	2311192	21.386	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.698	276	2714780	22.364	ng/ul	99
95) Dibenzo(a,h)anthracene	26.721	278	2260053	22.331	ng/ul	99
96) Benzo(g,h,i)perylene	27.539	276	2096990	22.666	ng/ul	99

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

