

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
 Data File : BP017254.D
 Acq On : 21 Sep 2023 00:17
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020742

Quant Time: Sep 21 00:48:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 14:34:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	181910	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	751235	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	457211	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	1029697	20.000	ng/u1	-0.01
79) Chrysene-d12	21.474	240	999903	20.000	ng/u1	-0.01
88) Perylene-d12	23.992	264	1148837	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	36313	8.199	ng/uL	0.00
4) Pyridine-d5	3.740	84	253011	20.435	ng/u1	0.00
7) Phenol-d5	7.093	99	307344	20.572	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	182360	20.226	ng/u1	0.00
11) 2-Chlorophenol-d4	7.457	132	253114	21.361	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	242908	20.913	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	119372	21.980	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	131741	22.340	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	246314	22.108	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	349078	21.630	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	701227	21.409	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	812683	21.574	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	127230	22.297	ng/u1	0.00
60) Fluorene-d10	15.598	176	609107	21.601	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	110653	19.066	ng/u1	0.00
73) Anthracene-d10	17.469	188	977092	21.396	ng/u1	-0.01
81) Pyrene-d10	19.710	212	1172643	21.687	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.827	264	1167104	21.100	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	37512	8.271	ng/uL	94
5) Pyridine	3.758	79	262039	20.387	ng/u1	99
6) Benzaldehyde	7.099	77	178945	23.470	ng/u1	95
8) Phenol	7.122	94	309613	20.604	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.375	93	248768	20.480	ng/u1	98
12) 2-Chlorophenol	7.493	128	252455	20.980	ng/u1	99
13) 2-Methylphenol	8.381	108	230973	20.772	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.451	45	304963m	19.851	ng/u1	
16) Acetophenone	8.787	105	371799	20.714	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.757	70	188404	21.033	ng/u1	99
18) 4-Methylphenol	8.716	108	250339	21.012	ng/u1	97
19) Hexachloroethane	9.004	117	105680	21.155	ng/u1	97
22) Nitrobenzene	9.181	77	282104	20.471	ng/u1	98
23) Isophorone	9.693	82	528241	21.391	ng/u1	100
25) 2-Nitrophenol	9.881	139	139960	21.903	ng/u1	99
26) 2,4-Dimethylphenol	9.922	107	274297	21.544	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.181	93	323614	20.301	ng/u1	97
29) 2,4-Dichlorophenol	10.404	162	239868	21.837	ng/u1	98
30) Naphthalene	10.816	128	809283	20.689	ng/u1	99
32) 4-Chloroaniline	10.951	127	333697	21.576	ng/u1	98
33) Hexachlorobutadiene	11.040	225	163599	21.400	ng/u1	95
34) Caprolactam	11.775	113	72475	22.834	ng/u1	92
35) 4-Chloro-3-methylphenol	12.057	107	245114	22.200	ng/u1	99
36) 2-Methylnaphthalene	12.422	142	544671	21.334	ng/u1	98

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37) 1-Methylnaphthalene	12.640	142	560747	21.486	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	304223	20.734	ng/ul	98
40) Hexachlorocyclopentadiene	12.716	237	140588	16.931	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.028	196	194167	21.816	ng/ul	98
42) 2,4,5-Trichlorophenol	13.098	196	208183	22.326	ng/ul	98
43) 1,1'-Biphenyl	13.434	154	710397	20.479	ng/ul	98
44) 2-Chloronaphthalene	13.481	162	571993	20.799	ng/ul	98
45) 2-Nitroaniline	13.716	65	149312	22.101	ng/ul	96
47) Dimethylphthalate	14.063	163	708526	21.475	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	133318	23.264	ng/ul	91
50) Acenaphthylene	14.328	152	938293	21.301	ng/ul	100
51) 3-Nitroaniline	14.545	138	144183	23.380	ng/ul	92
52) Acenaphthene	14.663	153	613516	21.089	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	67849	18.927	ng/ul	95
55) 4-Nitrophenol	14.839	109	102554	23.005	ng/ul	98
56) Dibenzofuran	14.998	168	848650	21.302	ng/ul	99
57) 2,4-Dinitrotoluene	14.992	165	199180	23.596	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.216	232	182290	23.039	ng/ul	96
59) Diethylphthalate	15.416	149	705770	22.127	ng/ul	98
61) Fluorene	15.651	166	707963	21.872	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.645	204	351190	21.408	ng/ul	99
63) 4-Nitroaniline	15.716	138	134532	24.442	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	125396	20.029	ng/ul	96
67) N-Nitrosodiphenylamine	15.869	169	584034	20.620	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	215377	20.820	ng/ul	97
69) Hexachlorobenzene	16.628	284	251846	20.981	ng/ul	97
70) Atrazine	16.828	200	217818	21.466	ng/ul	100
71) Pentachlorophenol	16.998	266	157839	21.287	ng/ul	97
72) Phenanthrene	17.416	178	1130092	20.954	ng/ul	98
74) Anthracene	17.504	178	1158204	21.190	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	304243	19.252	ng/ul	95
76) Pentachlorobenzene	14.892	250	300439	20.125	ng/ul	99
77) Carbazole	17.792	167	1041820	21.429	ng/ul	99
78) Di-n-butylphthalate	18.304	149	1240776	23.209	ng/ul	99
80) Fluoranthene	19.380	202	1366796	21.674	ng/ul	99
82) Pyrene	19.739	202	1425214	21.260	ng/ul	100
83) Butylbenzylphthalate	20.598	149	592708	24.936	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.398	252	485463	22.346	ng/ul	100
85) Benzo(a)anthracene	21.457	228	1452952	21.530	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	879546	25.623	ng/ul	99
87) Chrysene	21.516	228	1335726	21.032	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	1529581	24.204	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	1406625	20.767	ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	1441984	21.101	ng/ul	100
93) Benzo(a)pyrene	23.880	252	1351235	20.850	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.662	276	1681559	20.701	ng/ul	100
95) Dibenzo(a,h)anthracene	26.686	278	1397730	20.659	ng/ul	99
96) Benzo(g,h,i)perylene	27.498	276	1344106	20.519	ng/ul	98

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

