

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092123\
 Data File : BP017271.D
 Acq On : 21 Sep 2023 17:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020744

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/27/2023

Quant Time: Sep 22 00:02:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 23:51:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	162073	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	635653	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	367030	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	809288	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	826159	20.000	ng/u1	0.00
88) Perylene-d12	23.998	264	941210	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	32586	8.258	ng/uL	0.00
4) Pyridine-d5	3.740	84	226017	20.489	ng/u1	0.00
7) Phenol-d5	7.099	99	268433	20.166	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	160278	19.952	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	222144	21.042	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	208064	20.105	ng/u1	0.00
21) Nitrobenzene-d5	9.140	128	98736	21.486	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	110296	22.105	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	206187	21.872	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	285552	20.911	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	555058	21.111	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	641223	21.204	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	92900	20.281	ng/u1	0.00
60) Fluorene-d10	15.598	176	485068	21.429	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	85883	18.829	ng/u1	0.00
73) Anthracene-d10	17.469	188	765840	21.337	ng/u1	0.00
81) Pyrene-d10	19.716	212	929833	20.813	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	958392	21.149	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	33845	8.376	ng/uL	93
5) Pyridine	3.764	79	232856	20.333	ng/u1	99
6) Benzaldehyde	7.099	77	157710	23.217	ng/u1	96
8) Phenol	7.128	94	271470	20.277	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.375	93	217095	20.060	ng/u1	97
12) 2-Chlorophenol	7.493	128	224853	20.973	ng/u1	100
13) 2-Methylphenol	8.387	108	200872	20.276	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.452	45	270858m	19.789	ng/u1	
16) Acetophenone	8.787	105	317497	19.854	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.757	70	160819	20.150	ng/u1	97
18) 4-Methylphenol	8.722	108	215070	20.262	ng/u1	100
19) Hexachloroethane	9.004	117	92294	20.737	ng/u1	96
22) Nitrobenzene	9.181	77	242053	20.758	ng/u1	98
23) Isophorone	9.693	82	430416	20.599	ng/u1	99
25) 2-Nitrophenol	9.881	139	116886	21.618	ng/u1	100
26) 2,4-Dimethylphenol	9.928	107	229118	21.268	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.181	93	273770	20.297	ng/u1	99
29) 2,4-Dichlorophenol	10.410	162	201595	21.689	ng/u1	97
30) Naphthalene	10.816	128	691371	20.889	ng/u1	100
32) 4-Chloroaniline	10.951	127	271633	20.757	ng/u1	99
33) Hexachlorobutadiene	11.040	225	143593	22.198	ng/u1	98
34) Caprolactam	11.781	113	55899	20.814	ng/u1	89
35) 4-Chloro-3-methylphenol	12.063	107	199956	21.403	ng/u1	97
36) 2-Methylnaphthalene	12.422	142	447578	20.719	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	457597	20.722	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.769	216	251086	21.317	ng/ul	99
40) Hexachlorocyclopentadiene	12.716	237	94854	14.230	ng/ul	97
41) 2,4,6-Trichlorophenol	13.028	196	157949	22.107	ng/ul	98
42) 2,4,5-Trichlorophenol	13.104	196	166260	22.211	ng/ul	100
43) 1,1'-Biphenyl	13.434	154	582044	20.902	ng/ul	98
44) 2-Chloronaphthalene	13.481	162	461579	20.908	ng/ul	99
45) 2-Nitroaniline	13.716	65	119133	21.967	ng/ul	97
47) Dimethylphthalate	14.063	163	556770	21.022	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	103404	22.478	ng/ul	90
50) Acenaphthylene	14.328	152	746659	21.115	ng/ul	99
51) 3-Nitroaniline	14.545	138	109308	22.080	ng/ul	99
52) Acenaphthene	14.663	153	494882	21.191	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	49154	17.081	ng/ul	98
55) 4-Nitrophenol	14.845	109	76496	21.376	ng/ul	96
56) Dibenzofuran	14.998	168	681143	21.298	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	156044	23.028	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.222	232	140077	22.054	ng/ul	94
59) Diethylphthalate	15.416	149	551217	21.528	ng/ul	98
61) Fluorene	15.651	166	557285	21.447	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.645	204	281850	21.403	ng/ul	99
63) 4-Nitroaniline	15.716	138	101589	22.992	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.739	198	92505	18.799	ng/ul	97
67) N-Nitrosodiphenylamine	15.869	169	461797	20.745	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	169590	20.859	ng/ul	96
69) Hexachlorobenzene	16.628	284	198570	21.048	ng/ul	98
70) Atrazine	16.828	200	169547	21.259	ng/ul	99
71) Pentachlorophenol	16.998	266	123314	21.160	ng/ul	99
72) Phenanthrene	17.416	178	886080	20.904	ng/ul	99
74) Anthracene	17.504	178	911420	21.216	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	251882	20.280	ng/uL	98
76) Pentachlorobenzene	14.892	250	241801	20.609	ng/uL	99
77) Carbazole	17.792	167	826942	21.642	ng/ul	99
78) Di-n-butylphthalate	18.304	149	977727	23.270	ng/ul	99
80) Fluoranthene	19.386	202	1086943	20.861	ng/ul	99
82) Pyrene	19.739	202	1138938	20.563	ng/ul	98
83) Butylbenzylphthalate	20.604	149	479513	24.416	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.404	252	397780	22.161	ng/ul	99
85) Benzo(a)anthracene	21.463	228	1176496	21.100	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	714888	25.206	ng/ul	99
87) Chrysene	21.516	228	1104192	21.042	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	1235041	23.855	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1163735	20.971	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	1153470	20.603	ng/ul	99
93) Benzo(a)pyrene	23.886	252	1101516	20.747	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.668	276	1380747	20.747	ng/ul	99
95) Dibenzo(a,h)anthracene	26.692	278	1145407	20.664	ng/ul	98
96) Benzo(g,h,i)perylene	27.503	276	1100813	20.512	ng/ul	98

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

