

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100223\
 Data File : BP017491.D
 Acq On : 02 Oct 2023 23:06
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020765

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2023
 Supervised By :mohammad ahmed 10/05/2023

Quant Time: Oct 03 00:47:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 30 04:02:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	178815	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	765218	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	441701	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.422	188	937637	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	941033	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	1045666	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	36360	8.352	ng/uL	0.00
4) Pyridine-d5	3.728	84	254856	20.940	ng/u1	0.00
7) Phenol-d5	7.099	99	319352	21.745	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	196869	22.213	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	258479	22.191	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	250587	21.947	ng/u1	0.00
21) Nitrobenzene-d5	9.151	128	122073	22.066	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	136075	22.653	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	252253	22.228	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	332036	20.198	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	648416	20.492	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	769411	21.142	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	92718	16.819	ng/u1	0.00
60) Fluorene-d10	15.639	176	553678	20.325	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	98219	18.585	ng/u1	0.00
73) Anthracene-d10	17.527	188	853138	20.516	ng/u1	0.00
81) Pyrene-d10	19.774	212	1017722	19.999	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1051181	20.879	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	36432	8.172	ng/uL	93
5) Pyridine	3.746	79	266416	21.086	ng/u1	96
6) Benzaldehyde	7.104	77	178067	23.759	ng/u1	99
8) Phenol	7.128	94	320212	21.678	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.381	93	261476	21.899	ng/u1	95
12) 2-Chlorophenol	7.499	128	261729	22.127	ng/u1	98
13) 2-Methylphenol	8.393	108	240323	21.987	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.457	45	343253m	22.730	ng/u1	
16) Acetophenone	8.804	105	392792	22.263	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.769	70	204757	23.254	ng/u1	95
18) 4-Methylphenol	8.734	108	258311	22.057	ng/u1	98
19) Hexachloroethane	9.010	117	111243	22.654	ng/u1	99
22) Nitrobenzene	9.198	77	312245	22.244	ng/u1	96
23) Isophorone	9.710	82	548525	21.807	ng/u1	98
25) 2-Nitrophenol	9.904	139	143995	22.122	ng/u1	98
26) 2,4-Dimethylphenol	9.945	107	279646	21.563	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.198	93	336296	20.711	ng/u1	99
29) 2,4-Dichlorophenol	10.422	162	244600	21.860	ng/u1	98
30) Naphthalene	10.834	128	822859	20.652	ng/u1	100
32) 4-Chloroaniline	10.975	127	317687	20.166	ng/u1	98
33) Hexachlorobutadiene	11.057	225	173563	22.288	ng/u1	98
34) Caprolactam	11.810	113	64066	19.816	ng/u1	95
35) 4-Chloro-3-methylphenol	12.087	107	238732	21.227	ng/u1	96
36) 2-Methylnaphthalene	12.445	142	542359	20.856	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	551543	20.747	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	305042	21.520	ng/ul	99
40) Hexachlorocyclopentadiene	12.745	237	188578	23.507	ng/ul	96
41) 2,4,6-Trichlorophenol	13.063	196	188799	21.958	ng/ul	99
42) 2,4,5-Trichlorophenol	13.134	196	199378	22.133	ng/ul	98
43) 1,1'-Biphenyl	13.463	154	694227	20.716	ng/ul	100
44) 2-Chloronaphthalene	13.516	162	554989	20.889	ng/ul	100
45) 2-Nitroaniline	13.757	65	146830	22.497	ng/ul	97
47) Dimethylphthalate	14.098	163	652143	20.460	ng/ul	97
48) 2,6-Dinitrotoluene	14.251	165	127301	22.994	ng/ul	93
50) Acenaphthylene	14.363	152	876373	20.594	ng/ul	99
51) 3-Nitroaniline	14.592	138	119315	20.027	ng/ul	95
52) Acenaphthene	14.704	153	574567	20.444	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	87148	25.165	ng/ul	92
55) 4-Nitrophenol	14.886	109	79828	18.536	ng/ul	92
56) Dibenzofuran	15.045	168	793252	20.611	ng/ul	98
57) 2,4-Dinitrotoluene	15.039	165	182845	22.422	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.263	232	161509	21.130	ng/ul	95
59) Diethylphthalate	15.463	149	624632	20.271	ng/ul	99
61) Fluorene	15.698	166	632507	20.227	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.692	204	327351	20.656	ng/ul	98
63) 4-Nitroaniline	15.769	138	108655	20.434	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.798	198	106104	18.611	ng/ul	99
67) N-Nitrosodiphenylamine	15.916	169	511497	19.832	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	194774	20.677	ng/ul	99
69) Hexachlorobenzene	16.680	284	227312	20.796	ng/ul	95
70) Atrazine	16.880	200	181310	19.622	ng/ul	98
71) Pentachlorophenol	17.051	266	134597	19.934	ng/ul	98
72) Phenanthrene	17.469	178	974647	19.846	ng/ul	98
74) Anthracene	17.563	178	998921	20.070	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.416	216	307018	21.335	ng/uL	99
76) Pentachlorobenzene	14.933	250	282036	20.747	ng/uL	99
77) Carbazole	17.851	167	872948	19.718	ng/ul	99
78) Di-n-butylphthalate	18.363	149	1002178	20.587	ng/ul	99
80) Fluoranthene	19.445	202	1186496	19.992	ng/ul	98
82) Pyrene	19.804	202	1242580	19.695	ng/ul	99
83) Butylbenzylphthalate	20.668	149	471936	21.097	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	360879	17.651	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1302756	20.512	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	679461	21.032	ng/ul	99
87) Chrysene	21.592	228	1201196	20.097	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	1184510	20.593	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	1293919	20.988	ng/ul	100
91) Benzo(k)fluoranthene	23.374	252	1232422	19.814	ng/ul	100
93) Benzo(a)pyrene	24.009	252	1177315	19.959	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.845	276	1385266	18.736	ng/ul	99
95) Dibenzo(a,h)anthracene	26.868	278	1124787	18.265	ng/ul	98
96) Benzo(g,h,i)perylene	27.698	276	1140704	19.132	ng/ul	98

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

