

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092123\
 Data File : BP017278.D
 Acq On : 21 Sep 2023 22:55
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020745

Quant Time: Sep 22 09:27:40 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/22/2023
 Supervised By :mohammad ahmed 09/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	178178	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	714853	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	432975	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	975837	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	977478	20.000	ng/u1	0.00
88) Perylene-d12	23.992	264	1109132	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	35939	8.285	ng/uL	0.00
4) Pyridine-d5	3.740	84	248900	20.524	ng/u1	0.00
7) Phenol-d5	7.093	99	302476	20.670	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	180049	20.387	ng/u1	0.00
11) 2-Chlorophenol-d4	7.457	132	245266	21.132	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	237139	20.844	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	114275	22.112	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	126532	22.549	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	235426	22.207	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	329688	21.468	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	656179	21.155	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	761488	21.346	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	116011	21.469	ng/u1	0.00
60) Fluorene-d10	15.592	176	573977	21.495	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	101036	18.370	ng/u1	0.00
73) Anthracene-d10	17.469	188	927345	21.427	ng/u1	0.00
81) Pyrene-d10	19.710	212	1121188	21.211	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.827	264	1135147	21.257	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	36667	8.254	ng/uL	93
5) Pyridine	3.764	79	260619	20.701	ng/u1	98
6) Benzaldehyde	7.099	77	176615	23.650	ng/u1	96
8) Phenol	7.122	94	302391	20.545	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.375	93	242463	20.379	ng/u1	95
12) 2-Chlorophenol	7.493	128	248756	21.105	ng/u1	99
13) 2-Methylphenol	8.387	108	227171	20.858	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.446	45	305365m	20.294	ng/u1	
16) Acetophenone	8.787	105	359338	20.439	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.752	70	184180	20.992	ng/u1	96
18) 4-Methylphenol	8.716	108	239969	20.564	ng/u1	99
19) Hexachloroethane	8.999	117	101317	20.707	ng/u1	98
22) Nitrobenzene	9.181	77	276040	21.050	ng/u1	96
23) Isophorone	9.693	82	496220	21.117	ng/u1	100
25) 2-Nitrophenol	9.881	139	134198	22.070	ng/u1	99
26) 2,4-Dimethylphenol	9.928	107	259780	21.442	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.181	93	312675	20.613	ng/u1	98
29) 2,4-Dichlorophenol	10.404	162	231887	22.184	ng/u1	99
30) Naphthalene	10.810	128	781985	21.009	ng/u1	99
32) 4-Chloroaniline	10.951	127	315981	21.471	ng/u1	98
33) Hexachlorobutadiene	11.040	225	160157	22.016	ng/u1	97
34) Caprolactam	11.775	113	66371	21.975	ng/u1	97
35) 4-Chloro-3-methylphenol	12.057	107	231837	22.066	ng/u1	98
36) 2-Methylnaphthalene	12.416	142	514881	21.194	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	531332	21.395	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.769	216	292394	21.043	ng/ul	98
40) Hexachlorocyclopentadiene	12.716	237	107791	13.707	ng/ul	97
41) 2,4,6-Trichlorophenol	13.028	196	184894	21.937	ng/ul	99
42) 2,4,5-Trichlorophenol	13.098	196	202986	22.987	ng/ul	98
43) 1,1'-Biphenyl	13.428	154	676694	20.599	ng/ul	99
44) 2-Chloronaphthalene	13.481	162	548031	21.043	ng/ul	99
45) 2-Nitroaniline	13.716	65	141898	22.179	ng/ul	98
47) Dimethylphthalate	14.057	163	662577	21.206	ng/ul	98
48) 2,6-Dinitrotoluene	14.204	165	125984	23.215	ng/ul	98
50) Acenaphthylene	14.328	152	881874	21.141	ng/ul	99
51) 3-Nitroaniline	14.545	138	136033	23.293	ng/ul	94
52) Acenaphthene	14.663	153	579581	21.038	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	55656	16.395	ng/ul	96
55) 4-Nitrophenol	14.845	109	95085	22.524	ng/ul	96
56) Dibenzofuran	14.998	168	809367	21.453	ng/ul	100
57) 2,4-Dinitrotoluene	14.986	165	188629	23.597	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.222	232	173017	23.091	ng/ul	92
59) Diethylphthalate	15.416	149	672570	22.267	ng/ul	98
61) Fluorene	15.651	166	662408	21.610	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	336490	21.660	ng/ul	99
63) 4-Nitroaniline	15.716	138	127697	24.499	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.739	198	107434	18.107	ng/ul	94
67) N-Nitrosodiphenylamine	15.869	169	551907	20.562	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	205520	20.964	ng/ul	98
69) Hexachlorobenzene	16.628	284	239586	21.061	ng/ul	98
70) Atrazine	16.828	200	204421	21.257	ng/ul	99
71) Pentachlorophenol	16.998	266	150387	21.401	ng/ul	100
72) Phenanthrene	17.410	178	1068408	20.904	ng/ul	100
74) Anthracene	17.504	178	1092717	21.095	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	293607	19.604	ng/uL	97
76) Pentachlorobenzene	14.892	250	286409	20.244	ng/uL	99
77) Carbazole	17.792	167	984161	21.360	ng/ul	99
78) Di-n-butylphthalate	18.304	149	1168090	23.055	ng/ul	98
80) Fluoranthene	19.380	202	1297684	21.050	ng/ul	100
82) Pyrene	19.739	202	1364721	20.825	ng/ul	100
83) Butylbenzylphthalate	20.598	149	552446	23.775	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.398	252	471707	22.211	ng/ul	99
85) Benzo(a)anthracene	21.457	228	1410596	21.382	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.333	149	835199	24.889	ng/ul	98
87) Chrysene	21.510	228	1310491	21.108	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	1447325	23.723	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	1389167	21.244	ng/ul	98
91) Benzo(k)fluoranthene	23.262	252	1380642	20.927	ng/ul	98
93) Benzo(a)pyrene	23.880	252	1319032	21.082	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.656	276	1621781	20.680	ng/ul	98
95) Dibenzo(a,h)anthracene	26.686	278	1352143	20.701	ng/ul	98
96) Benzo(g,h,i)perylene	27.498	276	1298920	20.539	ng/ul	99

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

