

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
 Data File : BP017376.D
 Acq On : 26 Sep 2023 23:16
 Operator : MA/JU
 Sample : PB155788BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS788

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 27 02:09:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	152313	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	662755	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	404617	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	872634	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	834902	20.000	ng/u1	0.00
88) Perylene-d12	23.969	264	909722	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	27556	7.431	ng/uL	0.00
4) Pyridine-d5	3.728	84	390751	37.693	ng/u1	0.00
7) Phenol-d5	7.081	99	507312	40.554	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	304982	40.398	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	405996	40.920	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	393520	40.463	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	194498	40.594	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	217707	41.847	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	409532	41.666	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	539028	37.858	ng/u1	0.00
46) Dimethylphthalate-d6	13.999	166	1189918	41.052	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	1339140	40.170	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	186270	36.887	ng/u1	0.00
60) Fluorene-d10	15.581	176	1010571	40.498	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	178457	36.284	ng/u1	0.00
73) Anthracene-d10	17.457	188	1534719	39.655	ng/u1	0.00
81) Pyrene-d10	19.698	212	1849082	40.955	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	1818250	41.512	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	57345	15.100	ng/uL	98
5) Pyridine	3.746	79	371720	34.539	ng/u1	99
6) Benzaldehyde	7.081	77	295106	46.227	ng/u1	98
8) Phenol	7.111	94	522281	41.510	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.364	93	420421	41.338	ng/u1	96
12) 2-Chlorophenol	7.475	128	424327	42.115	ng/u1	99
13) 2-Methylphenol	8.369	108	386298	41.492	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.434	45	547806m	42.588	ng/u1	
16) Acetophenone	8.775	105	643126	42.793	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.746	70	331392	44.184	ng/u1	97
18) 4-Methylphenol	8.705	108	418382	41.941	ng/u1	99
19) Hexachloroethane	8.987	117	174010	41.602	ng/u1	95
22) Nitrobenzene	9.169	77	496837	40.866	ng/u1	98
23) Isophorone	9.675	82	919168	42.191	ng/u1	100
25) 2-Nitrophenol	9.869	139	241337	42.809	ng/u1	98
26) 2,4-Dimethylphenol	9.910	107	352316	31.366	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.163	93	571996	40.672	ng/u1	98
29) 2,4-Dichlorophenol	10.387	162	412770	42.593	ng/u1	99
30) Naphthalene	10.799	128	1359835	39.405	ng/u1	100
32) 4-Chloroaniline	10.934	127	519303	38.060	ng/u1	99
33) Hexachlorobutadiene	11.022	225	280401	41.575	ng/u1	98
34) Caprolactam	11.763	113	116517	41.611	ng/u1	94
35) 4-Chloro-3-methylphenol	12.040	107	429969	44.141	ng/u1	98
36) 2-Methylnaphthalene	12.404	142	926935	41.154	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	911739	39.599	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.752	216	528470	40.698	ng/ul	100
40) Hexachlorocyclopentadiene	12.699	237	209130	28.458	ng/ul	96
41) 2,4,6-Trichlorophenol	13.010	196	335633	42.612	ng/ul	99
42) 2,4,5-Trichlorophenol	13.081	196	357999	43.383	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	1228796	40.028	ng/ul	98
44) 2-Chloronaphthalene	13.463	162	979069	40.228	ng/ul	98
45) 2-Nitroaniline	13.704	65	273955	45.822	ng/ul	96
47) Dimethylphthalate	14.046	163	1244388	42.619	ng/ul	98
48) 2,6-Dinitrotoluene	14.193	165	244496	48.211	ng/ul	94
50) Acenaphthylene	14.310	152	1595276	40.923	ng/ul	100
51) 3-Nitroaniline	14.534	138	246547	45.175	ng/ul	97
52) Acenaphthene	14.646	153	1032863	40.119	ng/ul	99
53) 2,4-Dinitrophenol	14.740	184	92154	29.049	ng/ul	95
55) 4-Nitrophenol	14.828	109	164243	41.632	ng/ul	94
56) Dibenzofuran	14.987	168	1453420	41.225	ng/ul	98
57) 2,4-Dinitrotoluene	14.981	165	358547	47.997	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.204	232	305013	43.561	ng/ul	96
59) Diethylphthalate	15.404	149	1239123	43.899	ng/ul	98
61) Fluorene	15.640	166	1197742	41.813	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	616166	42.443	ng/ul	100
63) 4-Nitroaniline	15.704	138	243107	49.910	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.728	198	196892	37.109	ng/ul#	96
67) N-Nitrosodiphenylamine	15.857	169	995369	41.469	ng/ul	99
68) 4-Bromophenyl-phenylether	16.534	248	381991	43.573	ng/ul	99
69) Hexachlorobenzene	16.610	284	442217	43.471	ng/ul	99
70) Atrazine	16.810	200	307144	35.717	ng/ul	100
71) Pentachlorophenol	16.981	266	254721	40.535	ng/ul	98
72) Phenanthrene	17.398	178	1896338	41.490	ng/ul	99
74) Anthracene	17.492	178	1877148	40.524	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.369	216	516909	38.596	ng/uL	98
76) Pentachlorobenzene	14.875	250	484431	38.291	ng/uL	99
77) Carbazole	17.781	167	1706439	41.417	ng/ul	98
78) Di-n-butylphthalate	18.287	149	2093147	46.200	ng/ul	99
80) Fluoranthene	19.369	202	2246981	42.674	ng/ul	99
82) Pyrene	19.728	202	2343160	41.861	ng/ul	99
83) Butylbenzylphthalate	20.586	149	943651	47.546	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.386	252	724471	39.939	ng/ul	99
85) Benzo(a)anthracene	21.439	228	2404346	42.669	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.322	149	1388856	48.456	ng/ul#	98
87) Chrysene	21.498	228	2238696	42.215	ng/ul	99
89) Di-n-octyl phthalate	22.275	149	2395272	47.866	ng/ul	100
90) Benzo(b)fluoranthene	23.186	252	2360229	44.005	ng/ul	98
91) Benzo(k)fluoranthene	23.239	252	2316045	42.800	ng/ul	100
93) Benzo(a)pyrene	23.857	252	2206814	43.003	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.627	276	2675987	41.602	ng/ul	99
95) Dibenzo(a,h)anthracene	26.651	278	2243891	41.883	ng/ul	98
96) Benzo(g,h,i)perylene	27.462	276	2135894	41.176	ng/ul	98

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

