

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
 Data File : BP017057.D
 Acq On : 09 Sep 2023 18:00
 Operator : MA/JU
 Sample : PB155261BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS261

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2023
 Supervised By :mohammad ahmed 09/11/2023

Quant Time: Sep 10 00:37:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 09 01:41:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	346394	20.000	ng/u1	0.00
20) Naphthalene-d8	10.798	136	1506450	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	892756	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	1856591	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	1603387	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	1439718	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	61306	6.695	ng/uL	0.00
4) Pyridine-d5	3.758	84	576005	22.013	ng/u1	0.00
7) Phenol-d5	7.122	99	1187302	37.518	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	756428	38.213	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	880274	38.433	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	911165	37.793	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	431426	36.914	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	467251	36.881	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	845257	36.138	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	487866	14.457	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2464211	37.081	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	2902467	37.845	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	478583	36.868	ng/u1	0.00
60) Fluorene-d10	15.622	176	2105850	37.011	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	399379	35.745	ng/u1	0.00
73) Anthracene-d10	17.498	188	3181538	37.315	ng/u1	0.00
81) Pyrene-d10	19.733	212	3572077	36.576	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.851	264	2870426	39.300	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	128444	12.991	ng/uL	95
5) Pyridine	3.781	79	919732	33.018	ng/u1	98
6) Benzaldehyde	7.128	77	231426	16.135	ng/u1	98
8) Phenol	7.152	94	1210538	36.817	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.405	93	927576	35.376	ng/u1	97
12) 2-Chlorophenol	7.522	128	880500	36.085	ng/u1	96
13) 2-Methylphenol	8.410	108	859350	35.631	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.505	45	1355141m	36.708	ng/u1	
16) Acetophenone	8.822	105	1410065	36.243	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.799	70	760612	36.598	ng/u1	96
18) 4-Methylphenol	8.752	108	953557	36.254	ng/u1	97
19) Hexachloroethane	9.040	117	359504	35.565	ng/u1	96
22) Nitrobenzene	9.216	77	1133542	36.324	ng/u1	99
23) Isophorone	9.728	82	2068918	35.289	ng/u1	98
25) 2-Nitrophenol	9.916	139	488715	35.037	ng/u1	96
26) 2,4-Dimethylphenol	9.957	107	923416	32.423	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.216	93	1257124	34.599	ng/u1	100
29) 2,4-Dichlorophenol	10.440	162	813962	34.148	ng/u1	99
30) Naphthalene	10.851	128	2798251	34.041	ng/u1	99
32) 4-Chloroaniline	10.987	127	880074	25.060	ng/u1	99
33) Hexachlorobutadiene	11.075	225	439701	30.862	ng/u1	100
34) Caprolactam	11.816	113	279217m	35.370	ng/u1	
35) 4-Chloro-3-methylphenol	12.087	107	934938	35.792	ng/u1	99
36) 2-Methylnaphthalene	12.451	142	1857265	34.190	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	1911790	34.956	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	869308	33.049	ng/ul	97
40) Hexachlorocyclopentadiene	12.751	237	399306	23.430	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	548578	30.643	ng/ul	100
42) 2,4,5-Trichlorophenol	13.128	196	646570	33.193	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	2479753	35.090	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	1939989	34.965	ng/ul	99
45) 2-Nitroaniline	13.745	65	673050	40.732	ng/ul	96
47) Dimethylphthalate	14.092	163	2437301	34.955	ng/ul	100
48) 2,6-Dinitrotoluene	14.234	165	491227	36.276	ng/ul	93
50) Acenaphthylene	14.357	152	3057305	35.602	ng/ul	100
51) 3-Nitroaniline	14.575	138	532769	39.423	ng/ul	99
52) Acenaphthene	14.692	153	2137233	35.671	ng/ul	99
53) 2,4-Dinitrophenol	14.769	184	251079	29.905	ng/ul	90
55) 4-Nitrophenol	14.863	109	386551	37.206	ng/ul	95
56) Dibenzofuran	15.028	168	2903750	35.247	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	739096	38.023	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.245	232	419839	26.733	ng/ul#	96
59) Diethylphthalate	15.445	149	2501748	35.904	ng/ul	99
61) Fluorene	15.681	166	2451604	36.095	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	1129384	34.407	ng/ul	96
63) 4-Nitroaniline	15.745	138	554014	46.627	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.769	198	386760	33.040	ng/ul	94
67) N-Nitrosodiphenylamine	15.898	169	1995440	35.644	ng/ul	99
68) 4-Bromophenyl-phenylether	16.575	248	618686	33.495	ng/ul	99
69) Hexachlorobenzene	16.657	284	668674	33.025	ng/ul	95
71) Pentachlorophenol	17.016	266	305071	23.105	ng/ul	97
72) Phenanthrene	17.439	178	3745778	36.309	ng/ul	100
74) Anthracene	17.533	178	3705741	35.733	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	884837	33.458	ng/uL	99
76) Pentachlorobenzene	14.922	250	817164	32.078	ng/uL	100
77) Carbazole	17.816	167	3464061	37.170	ng/ul	99
78) Di-n-butylphthalate	18.328	149	4323249	37.866	ng/ul	99
80) Fluoranthene	19.404	202	4182217	34.296	ng/ul	100
82) Pyrene	19.763	202	4408051	34.816	ng/ul	100
83) Butylbenzylphthalate	20.616	149	1978351	37.783	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.416	252	1166842	32.791	ng/ul	100
85) Benzo(a)anthracene	21.474	228	4079225	36.124	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	2862599	39.573	ng/ul	100
87) Chrysene	21.533	228	3755190	35.550	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	4780778	39.612	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	3572347	35.514	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	3626543	37.230	ng/ul	99
93) Benzo(a)pyrene	23.910	252	3065923	36.543	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.704	276	3608228	38.743	ng/ul	97
95) Dibenzo(a,h)anthracene	26.727	278	3002921	39.066	ng/ul	98
96) Benzo(g,h,i)perylene	27.545	276	2786469	37.967	ng/ul	97

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

