

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
 Data File : BG059251.D
 Acq On : 29 Sep 2023 2:29
 Operator : MA/JU
 Sample : PB155820BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBJY3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 29 05:54:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	37646	20.000	ng/u1	0.00
20) Naphthalene-d8	11.075	136	179643	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.864	164	113638	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.614	188	266109m	20.000	ng/u1	0.00
79) Chrysene-d12	21.921	240	243091	20.000	ng/u1	0.00
88) Perylene-d12	25.399	264	277893	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.525	96	8737	8.759	ng/uL	0.00
4) Pyridine-d5	3.959	84	122389	42.053	ng/u1	0.00
7) Phenol-d5	7.356	99	180744	47.965	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.555	67	104264	43.313	ng/u1	0.00
11) 2-Chlorophenol-d4	7.749	132	125930	49.714	ng/u1	0.00
15) 4-Methylphenol-d8	8.930	113	131780	45.240	ng/u1	0.00
21) Nitrobenzene-d5	9.430	128	65300	51.512	ng/u1	0.00
24) 2-Nitrophenol-d4	10.146	143	69707	56.014	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.681	165	129109	50.503	ng/u1	0.00
31) 4-Chloroaniline-d4	11.222	131	181871	43.971	ng/u1	0.00
46) Dimethylphthalate-d6	14.265	166	400646	48.764	ng/u1	0.00
49) Acenaphthylene-d8	14.571	160	481820	46.722	ng/u1	0.00
54) 4-Nitrophenol-d4	15.058	143	76752	53.496	ng/u1	0.00
60) Fluorene-d10	15.857	176	379090	48.478	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.969	200	67471m	49.326	ng/u1	0.00
73) Anthracene-d10	17.714	188	554370	45.720	ng/u1	0.00
81) Pyrene-d10	19.988	212	651449	47.854	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.158	264	654827	49.036	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.560	88	18170	15.505	ng/uL#	74
5) Pyridine	3.983	79	115904	39.217	ng/u1	93
6) Benzaldehyde	7.379	77	92985	56.190	ng/u1	91
8) Phenol	7.385	94	184823	49.305	ng/u1#	89
10) Bis(2-Chloroethyl)ether	7.649	93	140700	45.765	ng/u1	88
12) 2-Chlorophenol	7.784	128	131819	49.356	ng/u1	96
13) 2-Methylphenol	8.660	108	127382	44.977	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.742	45	301950	44.427	ng/u1	98
16) Acetophenone	9.077	105	202987	44.995	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.042	70	103338	45.158	ng/u1	95
18) 4-Methylphenol	8.995	108	141134	47.032	ng/u1	94
19) Hexachloroethane	9.312	117	50779	48.261	ng/u1	92
22) Nitrobenzene	9.477	77	153190	48.954	ng/u1	96
23) Isophorone	9.976	82	319431	47.469	ng/u1	97
25) 2-Nitrophenol	10.182	139	75873	55.334	ng/u1	97
26) 2,4-Dimethylphenol	10.205	107	108955	37.162	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.464	93	195334	46.006	ng/u1	97
29) 2,4-Dichlorophenol	10.705	162	131440	51.723	ng/u1	96
30) Naphthalene	11.128	128	464330	48.207	ng/u1	96
32) 4-Chloroaniline	11.245	127	176860	44.715	ng/u1	96
33) Hexachlorobutadiene	11.351	225	81323	47.816	ng/u1	94
34) Caprolactam	12.032	113	44982m	51.158	ng/u1	
35) 4-Chloro-3-methylphenol	12.326	107	138030	50.907	ng/u1	91
36) 2-Methylnaphthalene	12.714	142	302790	47.987	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.925	142	296832	46.350	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	13.055	216	158220	46.506	ng/ul	97
40) Hexachlorocyclopentadiene	13.008	237	77169	36.771	ng/ul	93
41) 2,4,6-Trichlorophenol	13.302	196	105072	50.444	ng/ul	90
42) 2,4,5-Trichlorophenol	13.372	196	114720	52.488	ng/ul	95
43) 1,1'-Biphenyl	13.707	154	430704	46.930	ng/ul	99
44) 2-Chloronaphthalene	13.754	162	326795	47.294	ng/ul	97
45) 2-Nitroaniline	13.977	65	109718	56.292	ng/ul	95
47) Dimethylphthalate	14.312	163	416452	49.487	ng/ul	100
48) 2,6-Dinitrotoluene	14.459	165	84028	58.708	ng/ul	94
50) Acenaphthylene	14.600	152	540855	49.134	ng/ul	100
51) 3-Nitroaniline	14.794	138	90042	58.276	ng/ul#	99
52) Acenaphthene	14.935	153	364265	48.211	ng/ul	95
53) 2,4-Dinitrophenol	14.994	184	38554	48.457	ng/ul#	86
55) 4-Nitrophenol	15.076	109	55412	54.752	ng/ul	92
56) Dibenzofuran	15.264	168	483991	48.325	ng/ul	100
57) 2,4-Dinitrotoluene	15.235	165	120370	56.797	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.475	232	108812	54.993	ng/ul#	89
59) Diethylphthalate	15.658	149	416131	51.150	ng/ul	98
61) Fluorene	15.910	166	414319	49.269	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.893	204	208361	49.704	ng/ul	97
63) 4-Nitroaniline	15.957	138	91244	64.169	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.981	198	74882	51.920	ng/ul	91
67) N-Nitrosodiphenylamine	16.116	169	339314	47.835	ng/ul	98
68) 4-Bromophenyl-phenylether	16.792	248	125241	48.581	ng/ul	97
69) Hexachlorobenzene	16.886	284	144825	49.726	ng/ul	95
70) Atrazine	17.050	200	120269m	44.590	ng/ul	
71) Pentachlorophenol	17.238	266	83748m	49.963	ng/ul	
72) Phenanthrene	17.661	178	713998m	48.891	ng/ul	
74) Anthracene	17.755	178	702201	46.567	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.666	216	155812	44.432	ng/ul	93
76) Pentachlorobenzene	15.158	250	149677	43.227	ng/ul	96
77) Carbazole	18.031	167	613491	49.917	ng/ul	98
78) Di-n-butylphthalate	18.531	149	749840	51.468	ng/ul	98
80) Fluoranthene	19.653	202	844521	50.358	ng/ul	99
82) Pyrene	20.017	202	857812	48.291	ng/ul	98
83) Butylbenzylphthalate	20.869	149	327378	52.262	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.809	252	274204	48.707	ng/ul	97
85) Benzo(a)anthracene	21.897	228	836915	48.907	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.727	149	495170	52.057	ng/ul	96
87) Chrysene	21.968	228	786437	48.659	ng/ul	98
89) Di-n-octyl phthalate	23.025	149	833634	51.580	ng/ul	100
90) Benzo(b)fluoranthene	24.277	252	856996	50.351	ng/ul	98
91) Benzo(k)fluoranthene	24.347	252	836404	48.499	ng/ul	98
93) Benzo(a)pyrene	25.235	252	808371	50.065	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.424	276	910562	49.818	ng/ul	98
95) Dibenzo(a,h)anthracene	29.512	278	765786	51.521	ng/ul	100
96) Benzo(g,h,i)perylene	30.711	276	734364	49.414	ng/ul	95

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

