

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059023.D
 Acq On : 12 Sep 2023 23:27
 Operator : MA/JU
 Sample : PB155220BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS220

Quant Time: Sep 13 00:48:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:54:19 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	100007	20.000	ng/u1	0.00
20) Naphthalene-d8	11.156	136	486776	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.939	164	381766	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.689	188	1015708	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.008	240	915932	20.000	ng/u1	0.00
88) Perylene-d12	25.562	264	1045065	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.623	96	17773	7.554	ng/uL	0.00
4) Pyridine-d5	4.058	84	254639	34.184	ng/u1	0.00
7) Phenol-d5	7.419	99	402348	39.897	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.630	67	212174	35.880	ng/u1	0.00
11) 2-Chlorophenol-d4	7.824	132	254196	39.301	ng/u1	0.00
15) 4-Methylphenol-d8	8.993	113	309940	39.780	ng/u1	0.00
21) Nitrobenzene-d5	9.510	128	129604	36.706	ng/u1	0.00
24) 2-Nitrophenol-d4	10.227	143	164381	42.428	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.750	165	325161	39.490	ng/u1	0.00
31) 4-Chloroaniline-d4	11.297	131	425291	38.408	ng/u1	0.00
46) Dimethylphthalate-d6	14.334	166	1188044	40.119	ng/u1	0.00
49) Acenaphthylene-d8	14.640	160	1242780	37.687	ng/u1	0.00
54) 4-Nitrophenol-d4	15.110	143	220998	44.928	ng/u1	0.00
60) Fluorene-d10	15.927	176	1065399	40.540	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.032	200	210480	42.216	ng/u1	0.00
73) Anthracene-d10	17.789	188	1691044	37.504	ng/u1	0.00
81) Pyrene-d10	20.057	212	1954037	40.273	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.321	264	1958169	38.224	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.664	88	40025	13.203	ng/uL#	67
5) Pyridine	4.076	79	276333	34.742	ng/u1	98
6) Benzaldehyde	7.454	77	231461	37.531	ng/u1	85
8) Phenol	7.454	94	426219	39.743	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.724	93	297142	37.910	ng/u1	98
12) 2-Chlorophenol	7.859	128	269915	40.373	ng/u1	99
13) 2-Methylphenol	8.729	108	322223	39.904	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.829	45	349255m	37.107	ng/u1	
16) Acetophenone	9.158	105	526546	40.763	ng/u1	92
17) N-Nitroso-di-n-propyla...	9.123	70	283089	39.096	ng/u1#	96
18) 4-Methylphenol	9.064	108	366394	41.547	ng/u1	98
19) Hexachloroethane	9.399	117	113282	40.429	ng/u1#	82
22) Nitrobenzene	9.552	77	392421	37.124	ng/u1	93
23) Isophorone	10.063	82	893976	39.814	ng/u1	99
25) 2-Nitrophenol	10.257	139	160731	40.686	ng/u1	98
26) 2,4-Dimethylphenol	10.280	107	369060	37.696	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.545	93	458668	38.114	ng/u1	96
29) 2,4-Dichlorophenol	10.780	162	310202	39.768	ng/u1	98
30) Naphthalene	11.209	128	978117	38.120	ng/u1	98
32) 4-Chloroaniline	11.320	127	386662	36.371	ng/u1	98
33) Hexachlorobutadiene	11.438	225	215061	35.237	ng/u1	91
34) Caprolactam	12.102	113	134366m	48.537	ng/u1	
35) 4-Chloro-3-methylphenol	12.389	107	410024	42.783	ng/u1	95
36) 2-Methylnaphthalene	12.783	142	734071	38.339	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091223\
 Data File : BG059023.D
 Acq On : 12 Sep 2023 23:27
 Operator : MA/JU
 Sample : PB155220BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS220

Quant Time: Sep 13 00:48:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:54:19 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.006	142	710753	37.635	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.130	216	443058	35.553	ng/ul	96
40) Hexachlorocyclopentadiene	13.083	237	269522	29.393	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.365	196	297915	37.657	ng/ul	97
42) 2,4,5-Trichlorophenol	13.435	196	320126	37.377	ng/ul	98
43) 1,1'-Biphenyl	13.776	154	1063868	37.280	ng/ul	99
44) 2-Chloronaphthalene	13.829	162	834420	38.284	ng/ul	99
45) 2-Nitroaniline	14.040	65	285395	42.695	ng/ul	96
47) Dimethylphthalate	14.381	163	1151628	41.130	ng/ul	99
48) 2,6-Dinitrotoluene	14.528	165	236790	44.458	ng/ul	94
50) Acenaphthylene	14.669	152	1352042	37.607	ng/ul	98
51) 3-Nitroaniline	14.863	138	235801	46.134	ng/ul	91
52) Acenaphthene	15.004	153	955075	39.587	ng/ul	96
53) 2,4-Dinitrophenol	15.057	184	145003	42.238	ng/ul	91
55) 4-Nitrophenol	15.127	109	241300	41.577	ng/ul	96
56) Dibenzofuran	15.333	168	1383836	39.601	ng/ul	98
57) 2,4-Dinitrotoluene	15.298	165	339267	46.163	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.539	232	328375	40.138	ng/ul#	89
59) Diethylphthalate	15.727	149	1170666	42.409	ng/ul	96
61) Fluorene	15.985	166	1187247	41.337	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.968	204	605003	39.810	ng/ul	99
63) 4-Nitroaniline	16.026	138	247510	51.095	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.050	198	224868	41.324	ng/ul#	88
67) N-Nitrosodiphenylamine	16.185	169	1018522	38.043	ng/ul	95
68) 4-Bromophenyl-phenylether	16.861	248	422067	37.879	ng/ul	89
69) Hexachlorobenzene	16.955	284	474167	37.069	ng/ul	95
70) Atrazine	17.119	200	274796	26.227	ng/ul	97
71) Pentachlorophenol	17.307	266	295935	37.532	ng/ul	93
72) Phenanthrene	17.730	178	1970551	38.226	ng/ul	98
74) Anthracene	17.824	178	2013159	38.424	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.735	216	45121	3.079	ng/uL	94
76) Pentachlorobenzene	15.227	250	526489	37.171	ng/uL	95
77) Carbazole	18.100	167	1773300	40.418	ng/ul	99
78) Di-n-butylphthalate	18.606	149	1972264	40.550	ng/ul	100
80) Fluoranthene	19.722	202	2310395	41.005	ng/ul#	97
82) Pyrene	20.086	202	2346949	40.067	ng/ul#	96
83) Butylbenzylphthalate	20.950	149	850747	45.962	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.896	252	897824	44.182	ng/ul	91
85) Benzo(a)anthracene	21.984	228	2385468	38.835	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.825	149	1230451	44.386	ng/ul	100
87) Chrysene	22.060	228	2258077	39.544	ng/ul	99
89) Di-n-octyl phthalate	23.159	149	2100442	43.691	ng/ul	100
90) Benzo(b)fluoranthene	24.417	252	2493074	40.047	ng/ul	98
91) Benzo(k)fluoranthene	24.493	252	2452477	38.549	ng/ul	98
93) Benzo(a)pyrene	25.404	252	2199246	37.863	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.675	276	2890014m	39.378	ng/ul	
95) Dibenzo(a,h)anthracene	29.769	278	2376351	39.076	ng/ul	96
96) Benzo(g,h,i)perylene	30.997	276	2358107	40.594	ng/ul	98

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

