

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059594.D
 Acq On : 2 Nov 2023 2:49
 Operator : MA/JU
 Sample : PB156511BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS511

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

Quant Time: Nov 02 04:30:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.356	152	77696	20.000	ng/u1	0.00
20) Naphthalene-d8	11.205	136	510618	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.983	164	318146	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.733	188	672054	20.000	ng/u1	-0.01
79) Chrysene-d12	22.075	240	511510	20.000	ng/u1	# 0.00
88) Perylene-d12	25.682	264	552770	20.000	ng/u1	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	9859	4.748	ng/uL	0.00
4) Pyridine-d5	4.084	84	156745	27.011	ng/u1	0.00
7) Phenol-d5	7.468	99	262169	32.836	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.674	67	107681	29.363	ng/u1	0.00
11) 2-Chlorophenol-d4	7.874	132	215928	33.336	ng/u1	0.00
15) 4-Methylphenol-d8	9.043	113	216537	34.185	ng/u1	0.00
21) Nitrobenzene-d5	9.554	128	106565	29.351	ng/u1	0.00
24) 2-Nitrophenol-d4	10.277	143	167287	44.883	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.800	165	291992	35.557	ng/u1	0.00
31) 4-Chloroaniline-d4	11.346	131	428853	31.724	ng/u1	0.00
46) Dimethylphthalate-d6	14.378	166	918727	31.875	ng/u1	-0.01
49) Acenaphthylene-d8	14.689	160	1111647	32.864	ng/u1	0.00
54) 4-Nitrophenol-d4	15.159	143	196217	39.698	ng/u1	0.00
60) Fluorene-d10	15.970	176	814456	33.064	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	16.082	200	147632	46.387	ng/u1	0.00
73) Anthracene-d10	17.839	188	1216979	33.425	ng/u1	0.00
81) Pyrene-d10	20.107	212	1244518	35.003	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.424	264	1140176	35.028	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.691	88	20239	8.708	ng/uL	95
5) Pyridine	4.108	79	149341	26.090	ng/u1#	81
6) Benzaldehyde	7.498	77	116005	32.258	ng/u1	96
8) Phenol	7.498	94	263881	35.058	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.768	93	176770	32.025	ng/u1	99
12) 2-Chlorophenol	7.903	128	213863	33.304	ng/u1	95
13) 2-Methylphenol	8.779	108	211474	33.702	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.867	45	146064	28.119	ng/u1#	88
16) Acetophenone	9.202	105	330510	33.101	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.166	70	140309	29.823	ng/u1#	96
18) 4-Methylphenol	9.108	108	230637	34.546	ng/u1	97
19) Hexachloroethane	9.443	117	84995	33.326	ng/u1	93
22) Nitrobenzene	9.601	77	227710	29.057	ng/u1	97
23) Isophorone	10.107	82	613787	31.101	ng/u1#	93
25) 2-Nitrophenol	10.306	139	180318	44.983	ng/u1#	80
26) 2,4-Dimethylphenol	10.330	107	339342	32.184	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.588	93	335266	30.510	ng/u1	96
29) 2,4-Dichlorophenol	10.829	162	290407	36.554	ng/u1	95
30) Naphthalene	11.258	128	1075775	33.802	ng/u1	98
32) 4-Chloroaniline	11.370	127	377660	29.411	ng/u1#	87
33) Hexachlorobutadiene	11.487	225	166865	35.011	ng/u1	92
34) Caprolactam	12.151	113	102410m	35.236	ng/u1	
35) 4-Chloro-3-methylphenol	12.439	107	353205	37.261	ng/u1	99
36) 2-Methylnaphthalene	12.833	142	730909	33.383	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059594.D
 Acq On : 2 Nov 2023 2:49
 Operator : MA/JU
 Sample : PB156511BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS511

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

Quant Time: Nov 02 04:30:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.050	142	726945	33.334	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.174	216	318326	34.690	ng/ul	98
40) Hexachlorocyclopentadiene	13.127	237	169911	31.764	ng/ul#	89
41) 2,4,6-Trichlorophenol	13.414	196	223304	35.144	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.485	196	257748	37.469	ng/ul	97
43) 1,1'-Biphenyl	13.820	154	967447	33.614	ng/ul	97
44) 2-Chloronaphthalene	13.873	162	733226	32.779	ng/ul	94
45) 2-Nitroaniline	14.090	65	208826	50.173	ng/ul	97
47) Dimethylphthalate	14.425	163	946182	33.226	ng/ul#	95
48) 2,6-Dinitrotoluene	14.566	165	191671	44.619	ng/ul#	82
50) Acenaphthylene	14.719	152	1307107	33.538	ng/ul	98
51) 3-Nitroaniline	14.907	138	227963	42.575	ng/ul#	77
52) Acenaphthene	15.048	153	846849	33.334	ng/ul	99
53) 2,4-Dinitrophenol	15.095	184	113973	46.695	ng/ul#	65
55) 4-Nitrophenol	15.171	109	241594	44.352	ng/ul	94
56) Dibenzofuran	15.383	168	1140198	34.619	ng/ul	91
57) 2,4-Dinitrotoluene	15.342	165	281595	46.602	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.588	232	212393	39.339	ng/ul	93
59) Diethylphthalate	15.770	149	1068460	34.396	ng/ul	97
61) Fluorene	16.029	166	963022	33.870	ng/ul	95
62) 4-Chlorophenyl-phenyle...	16.011	204	428578	35.270	ng/ul	96
63) 4-Nitroaniline	16.070	138	248006m	43.645	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.094	198	160904	47.971	ng/ul#	68
67) N-Nitrosodiphenylamine	16.229	169	834777	36.352	ng/ul	98
68) 4-Bromophenyl-phenylether	16.910	248	268439	39.916	ng/ul	92
69) Hexachlorobenzene	16.998	284	291431	37.496	ng/ul	93
70) Atrazine	17.163	200	247740	34.816	ng/ul	89
71) Pentachlorophenol	17.357	266	178547	40.212	ng/ul	92
72) Phenanthrene	17.780	178	1502222	34.384	ng/ul	98
74) Anthracene	17.874	178	1535765	34.814	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.785	216	319516	35.702	ng/uL	88
76) Pentachlorobenzene	15.271	250	307376	36.194	ng/uL	97
77) Carbazole	18.144	167	1389484	36.666	ng/ul	98
78) Di-n-butylphthalate	18.655	149	1766498	33.926	ng/ul	99
80) Fluoranthene	19.772	202	1588927	36.662	ng/ul	97
82) Pyrene	20.136	202	1583169	35.167	ng/ul#	96
83) Butylbenzylphthalate	21.000	149	771459	37.945	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.963	252	506896	38.108	ng/ul#	96
85) Benzo(a)anthracene	22.051	228	1468949	34.897	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.887	149	1102658	36.347	ng/ul	100
87) Chrysene	22.128	228	1345678	34.366	ng/ul	95
89) Di-n-octyl phthalate	23.238	149	1851573	38.259	ng/ul	100
90) Benzo(b)fluoranthene	24.513	252	1456623	36.353	ng/ul	98
91) Benzo(k)fluoranthene	24.590	252	1388868	34.701	ng/ul	98
93) Benzo(a)pyrene	25.506	252	1353284	35.734	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.872	276	1712150m	35.669	ng/ul	
95) Dibenzo(a,h)anthracene	29.954	278	1402719	35.382	ng/ul	99
96) Benzo(g,h,i)perylene	31.205	276	1375175m	35.003	ng/ul	

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

