

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051848.D
 Acq On : 29 Dec 2021 3:36
 Operator : CG/JU
 Sample : PB141700BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS700

Quant Time: Dec 29 05:41:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 13:37:07 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
 Supervised By :mohammad ahmed 12/31/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	34380	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.107	136	146251	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.908	164	103127	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.651	188	237805	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.975	240	210386	20.000	ng/ul	#-0.01
88) Perylene-d12	25.464	264	177229	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.600	96	4271	5.159	ng/uL	0.00
4) Pyridine-d5	4.029	84	73611	29.430	ng/ul	-0.02
7) Phenol-d5	7.412	99	93324	30.402	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.577	67	54397	29.809	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.800	132	62571	29.308	ng/ul	-0.01
15) 4-Methylphenol-d8	8.975	113	70257	29.609	ng/ul	0.00
21) Nitrobenzene-d5	9.445	128	32341	30.162	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.173	143	36815	31.408	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	73450	28.896	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.231	131	76798	22.947	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	223334	27.057	ng/ul	-0.02
49) Acenaphthylene-d8	14.602	160	280519	27.364	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.078	143	28850	21.493	ng/ul	0.00
60) Fluorene-d10	15.895	176	200625	27.129	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.001	200	33339	26.908	ng/ul	-0.01
73) Anthracene-d10	17.751	188	322214	28.404	ng/ul	-0.01
81) Pyrene-d10	20.030	212	378285	29.875	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.229	264	282838	30.331	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.641	88	9938	11.503	ng/uL#	92
5) Pyridine	4.052	79	76321	30.416	ng/ul	98
6) Benzaldehyde	7.395	77	70363m	36.739	ng/ul	
8) Phenol	7.442	94	92333	30.250	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.671	93	65446	28.105	ng/ul	99
12) 2-Chlorophenol	7.829	128	66464	30.349	ng/ul	98
13) 2-Methylphenol	8.705	108	68056	29.551	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.799	45	97802	30.963	ng/ul	96
16) Acetophenone	9.098	105	105736	28.369	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.081	70	63665	28.467	ng/ul	95
18) 4-Methylphenol	9.039	108	73288	30.193	ng/ul	85
19) Hexachloroethane	9.374	117	26554	27.789	ng/ul	85
22) Nitrobenzene	9.486	77	95807	30.720	ng/ul#	97
23) Isophorone	10.015	82	173907	27.775	ng/ul	99
25) 2-Nitrophenol	10.208	139	38156	30.453	ng/ul	95
26) 2,4-Dimethylphenol	10.255	107	81683	27.058	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.490	93	91446	27.505	ng/ul	98
29) 2,4-Dichlorophenol	10.749	162	69484	28.730	ng/ul	97
30) Naphthalene	11.160	128	215003	27.287	ng/ul	97
32) 4-Chloroaniline	11.260	127	81980	23.989	ng/ul	99
33) Hexachlorobutadiene	11.448	225	52713	25.672	ng/ul	96
34) Caprolactam	12.018	113	22271	30.415	ng/ul	91
35) 4-Chloro-3-methylphenol	12.370	107	78827	29.088	ng/ul	100
36) 2-Methylnaphthalene	12.752	142	151366	26.928	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051848.D
 Acq On : 29 Dec 2021 3:36
 Operator : CG/JU
 Sample : PB141700BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SLCS700

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 29 05:41:10 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 23 13:37:07 2021

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.969	142	153047	26.222	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.116	216	99759	27.810	ng/ul	99
40) Hexachlorocyclopentadiene	13.099	237	56804	21.810	ng/ul	98
41) 2,4,6-Trichlorophenol	13.345	196	65364	30.101	ng/ul	99
42) 2,4,5-Trichlorophenol	13.422	196	67652	29.727	ng/ul	99
43) 1,1'-Biphenyl	13.745	154	215023	27.219	ng/ul#	94
44) 2-Chloronaphthalene	13.792	162	167813	27.478	ng/ul	99
45) 2-Nitroaniline	13.980	65	65875	35.308	ng/ul	94
47) Dimethylphthalate	14.344	163	215133	26.846	ng/ul	99
48) 2,6-Dinitrotoluene	14.467	165	48741	31.816	ng/ul	92
50) Acenaphthylene	14.632	152	271087	27.028	ng/ul	97
51) 3-Nitroaniline	14.796	138	41969	28.651	ng/ul	97
52) Acenaphthene	14.973	153	181426	27.381	ng/ul	96
53) 2,4-Dinitrophenol	14.996	184	13506	15.251	ng/ul#	63
55) 4-Nitrophenol	15.096	109	33939	23.566	ng/ul	89
56) Dibenzofuran	15.302	168	258930	26.534	ng/ul	100
57) 2,4-Dinitrotoluene	15.255	165	67194	30.947	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.525	232	61252	28.320	ng/ul#	89
59) Diethylphthalate	15.701	149	221588	26.544	ng/ul	98
61) Fluorene	15.954	166	213580	26.563	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.936	204	119225	26.622	ng/ul	94
63) 4-Nitroaniline	15.959	138	43434	28.911	ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.018	198	32963	27.090	ng/ul	97
67) N-Nitrosodiphenylamine	16.147	169	185897	29.063	ng/ul	95
68) 4-Bromophenyl-phenylether	16.829	248	81265	33.555	ng/ul	89
69) Hexachlorobenzene	16.958	284	88267	29.004	ng/ul#	88
70) Atrazine	17.087	200	81607	28.433	ng/ul	97
71) Pentachlorophenol	17.299	266	39698	21.290	ng/ul	97
72) Phenanthrene	17.698	178	348722	28.510	ng/ul	98
74) Anthracene	17.786	178	343607	27.807	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.715	216	101294	27.688	ng/uL	97
76) Pentachlorobenzene	15.225	250	104859	29.982	ng/uL	98
77) Carbazole	18.051	167	304433	27.513	ng/ul	98
78) Di-n-butylphthalate	18.597	149	380406	28.567	ng/ul	100
80) Fluoranthene	19.696	202	439828	30.262	ng/ul#	90
82) Pyrene	20.060	202	417482	29.025	ng/ul#	90
83) Butylbenzylphthalate	20.929	149	151518	31.412	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.851	252	84988	17.141	ng/ul#	94
85) Benzo(a)anthracene	21.951	228	391693	28.616	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.834	149	213076	31.536	ng/ul#	97
87) Chrysene	22.022	228	374598	28.328	ng/ul	98
89) Di-n-octyl phthalate	23.144	149	342403	35.869	ng/ul	100
90) Benzo(b)fluoranthene	24.354	252	356459	30.027	ng/ul#	95
91) Benzo(k)fluoranthene	24.424	252	357007m	32.114	ng/ul	
93) Benzo(a)pyrene	25.306	252	332277m	29.658	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.500	276	225551m	18.440	ng/ul	
95) Dibenzo(a,h)anthracene	29.565	278	184072m	17.620	ng/ul	
96) Benzo(g,h,i)perylene	30.763	276	205475m	19.824	ng/ul	

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

