

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051803.D
 Acq On : 27 Dec 2021 15:19
 Operator : CG/JU
 Sample : PB141658BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS658

Quant Time: Dec 28 00:05:43 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 12/28/2021
 Supervised By :mohammad ahmed 12/31/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	37533	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.112	136	155249	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.907	164	105093	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.656	188	237881	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.974	240	220086	20.000	ng/ul	#-0.01
88) Perylene-d12	25.475	264	218072	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	5383	5.956	ng/uL	0.00
4) Pyridine-d5	4.022	84	87259	31.956	ng/ul	-0.02
7) Phenol-d5	7.406	99	107960	32.215	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.576	67	66136	33.197	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.799	132	73976	31.739	ng/ul	-0.01
15) 4-Methylphenol-d8	8.968	113	82165	31.719	ng/ul	-0.01
21) Nitrobenzene-d5	9.444	128	37727	33.146	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.172	143	40831	32.815	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	83288	30.867	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.230	131	95616	26.914	ng/ul	-0.01
46) Dimethylphthalate-d6	14.296	166	248787	29.577	ng/ul	-0.02
49) Acenaphthylene-d8	14.602	160	317427	30.385	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.078	143	36547m	26.718	ng/ul	0.00
60) Fluorene-d10	15.894	176	221139	29.343	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.000	200	36363	29.340	ng/ul	-0.01
73) Anthracene-d10	17.756	188	345704	30.465	ng/ul	0.00
81) Pyrene-d10	20.030	212	411365	31.056	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.229	264	371397	32.368	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.634	88	11451m	12.141	ng/uL	
5) Pyridine	4.045	79	88543	32.322	ng/ul	96
6) Benzaldehyde	7.394	77	70486	33.712	ng/ul	93
8) Phenol	7.435	94	105842	31.763	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.670	93	76928	30.260	ng/ul	96
12) 2-Chlorophenol	7.829	128	74912	31.333	ng/ul	98
13) 2-Methylphenol	8.704	108	78217	31.110	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.798	45	113963	33.049	ng/ul	97
16) Acetophenone	9.097	105	120565	29.630	ng/ul	92
17) N-Nitroso-di-n-propyla...	9.074	70	74369	30.460	ng/ul	98
18) 4-Methylphenol	9.033	108	82182	31.013	ng/ul	95
19) Hexachloroethane	9.374	117	28725	27.535	ng/ul	87
22) Nitrobenzene	9.485	77	106015	32.022	ng/ul#	97
23) Isophorone	10.008	82	199188	29.969	ng/ul	99
25) 2-Nitrophenol	10.208	139	42216	31.741	ng/ul	92
26) 2,4-Dimethylphenol	10.255	107	92362	28.822	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.490	93	106404	30.149	ng/ul	99
29) 2,4-Dichlorophenol	10.742	162	77435	30.162	ng/ul	96
30) Naphthalene	11.159	128	244228	29.200	ng/ul	97
32) 4-Chloroaniline	11.253	127	94013	25.915	ng/ul	93
33) Hexachlorobutadiene	11.453	225	57729	26.486	ng/ul	96
34) Caprolactam	11.999	113	27150m	34.929	ng/ul	
35) 4-Chloro-3-methylphenol	12.364	107	86818	30.180	ng/ul	97
36) 2-Methylnaphthalene	12.751	142	172040	28.832	ng/ul	99

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37) 1-Methylnaphthalene	12.969	142	174455	28.157	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.116	216	106095	29.023	ng/ul	94
40) Hexachlorocyclopentadiene	13.098	237	51536	19.417	ng/ul	98
41) 2,4,6-Trichlorophenol	13.345	196	66202	29.917	ng/ul	99
42) 2,4,5-Trichlorophenol	13.421	196	71028	30.626	ng/ul	97
43) 1,1'-Biphenyl	13.744	154	240533	29.879	ng/ul#	96
44) 2-Chloronaphthalene	13.791	162	189664	30.474	ng/ul	97
45) 2-Nitroaniline	13.979	65	67531	35.519	ng/ul	98
47) Dimethylphthalate	14.343	163	233407	28.582	ng/ul	99
48) 2,6-Dinitrotoluene	14.467	165	51097	32.730	ng/ul	94
50) Acenaphthylene	14.631	152	302961	29.641	ng/ul	97
51) 3-Nitroaniline	14.796	138	46646	31.248	ng/ul	98
52) Acenaphthene	14.972	153	196913	29.162	ng/ul	95
53) 2,4-Dinitrophenol	14.995	184	18863	20.902	ng/ul#	71
55) 4-Nitrophenol	15.089	109	37677	25.673	ng/ul	94
56) Dibenzofuran	15.307	168	284905	28.650	ng/ul	100
57) 2,4-Dinitrotoluene	15.248	165	71368	32.254	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.524	232	60224	27.324	ng/ul#	89
59) Diethylphthalate	15.700	149	236779	27.833	ng/ul	98
61) Fluorene	15.953	166	231501	28.253	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.935	204	131441	28.801	ng/ul	91
63) 4-Nitroaniline	15.953	138	47233	30.851	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.017	198	34089	28.007	ng/ul#	95
67) N-Nitrosodiphenylamine	16.147	169	204869	32.019	ng/ul	96
68) 4-Bromophenyl-phenylether	16.834	248	86156	35.564	ng/ul#	83
69) Hexachlorobenzene	16.963	284	94957	31.192	ng/ul#	90
70) Atrazine	17.087	200	83987	29.253	ng/ul	98
71) Pentachlorophenol	17.298	266	38809	20.807	ng/ul	98
72) Phenanthrene	17.698	178	373411	30.519	ng/ul	98
74) Anthracene	17.792	178	363467	29.405	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.715	216	112210	30.662	ng/ul	99
76) Pentachlorobenzene	15.224	250	109892	31.412	ng/ul	97
77) Carbazole	18.050	167	334651	30.235	ng/ul	97
78) Di-n-butylphthalate	18.596	149	399521	29.993	ng/ul	99
80) Fluoranthene	19.695	202	466585	30.688	ng/ul#	93
82) Pyrene	20.059	202	449795	29.893	ng/ul#	91
83) Butylbenzylphthalate	20.928	149	169252	33.542	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.851	252	146597	28.263	ng/ul#	98
85) Benzo(a)anthracene	21.956	228	442116	30.877	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.839	149	238632	33.761	ng/ul#	97
87) Chrysene	22.027	228	415789	30.057	ng/ul	99
89) Di-n-octyl phthalate	23.143	149	395504	33.672	ng/ul	100
90) Benzo(b)fluoranthene	24.353	252	451603	30.917	ng/ul#	96
91) Benzo(k)fluoranthene	24.430	252	426899	31.209	ng/ul#	97
93) Benzo(a)pyrene	25.305	252	418331	30.346	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.505	276	434823	28.892	ng/ul#	86
95) Dibenzo(a,h)anthracene	29.570	278	357662	27.824	ng/ul#	91
96) Benzo(g,h,i)perylene	30.768	276	345963	27.126	ng/ul#	89

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

