

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
 Data File : BG052942.D
 Acq On : 30 Mar 2022 00:47
 Operator : CG/JU
 Sample : PB143671BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS671

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/30/2022
 Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 30 02:16:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 23 13:16:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	26839	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.948	136	121445	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.755	164	96232	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	234190	20.000	ng/u1	0.00
79) Chrysene-d12	21.786	240	237460	20.000	ng/u1	0.00
88) Perylene-d12	25.088	264	246614	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.552	96	4350	5.725	ng/uL	0.00
4) Pyridine-d5	3.964	84	57578	30.354	ng/u1	-0.01
7) Phenol-d5	7.277	99	85325	35.495	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.447	67	53386	36.363	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.664	132	56962	34.898	ng/u1	-0.01
15) 4-Methylphenol-d8	8.828	113	67444	38.732	ng/u1	0.00
21) Nitrobenzene-d5	9.292	128	31751	36.320	ng/u1	0.00
24) 2-Nitrophenol-d4	10.020	143	36077	39.126	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.560	165	70453	35.122	ng/u1	0.00
31) 4-Chloroaniline-d4	11.072	131	86990	32.811	ng/u1	0.00
46) Dimethylphthalate-d6	14.150	166	260117	35.184	ng/u1	-0.01
49) Acenaphthylene-d8	14.449	160	284841	31.707	ng/u1	0.00
54) 4-Nitrophenol-d4	14.925	143	45685m	36.754	ng/u1	0.00
60) Fluorene-d10	15.742	176	222413	34.263	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.853	200	47231	39.630	ng/u1	0.00
73) Anthracene-d10	17.598	188	363514	33.334	ng/u1	0.00
81) Pyrene-d10	19.877	212	454684	34.228	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.865	264	459004	36.021	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.582	88	9375	10.070	ng/uL#	86
5) Pyridine	3.981	79	66398	32.395	ng/u1	97
6) Benzaldehyde	7.265	77	53691m	33.598	ng/u1	
8) Phenol	7.306	94	91090	39.317	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.541	93	63326	36.232	ng/u1	95
12) 2-Chlorophenol	7.694	128	61225	36.713	ng/u1#	89
13) 2-Methylphenol	8.563	108	69348	38.514	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.663	45	104773	36.880	ng/u1	100
16) Acetophenone	8.951	105	106744	39.294	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.939	70	64313	40.610	ng/u1	97
18) 4-Methylphenol	8.892	108	77367	41.241	ng/u1	97
19) Hexachloroethane	9.227	117	25504	34.468	ng/u1	94
22) Nitrobenzene	9.333	77	96057	37.605	ng/u1	98
23) Isophorone	9.861	82	180986	37.068	ng/u1	98
25) 2-Nitrophenol	10.049	139	39170	40.965	ng/u1#	89
26) 2,4-Dimethylphenol	10.102	107	86955	36.701	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.337	93	96068	35.382	ng/u1	98
29) 2,4-Dichlorophenol	10.584	162	73486	37.679	ng/u1	96
30) Naphthalene	10.995	128	218450	34.759	ng/u1	99
32) 4-Chloroaniline	11.095	127	79230	30.413	ng/u1	97
33) Hexachlorobutadiene	11.289	225	54842	34.431	ng/u1	95
34) Caprolactam	11.847	113	27097m	46.131	ng/u1	
35) 4-Chloro-3-methylphenol	12.205	107	88793	41.970	ng/u1	88
36) 2-Methylnaphthalene	12.593	142	162316	36.596	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	165541	36.867	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.957	216	108065	33.974	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	64812	29.433	ng/ul	98
41) 2,4,6-Trichlorophenol	13.192	196	69771	35.897	ng/ul	98
42) 2,4,5-Trichlorophenol	13.263	196	77422	36.886	ng/ul	97
43) 1,1'-Biphenyl	13.592	154	229058	33.309	ng/ul	99
44) 2-Chloronaphthalene	13.633	162	183982	33.412	ng/ul	96
45) 2-Nitroaniline	13.827	65	70865	43.903	ng/ul	87
47) Dimethylphthalate	14.197	163	248834	35.270	ng/ul	97
48) 2,6-Dinitrotoluene	14.320	165	54085	42.319	ng/ul#	95
50) Acenaphthylene	14.479	152	297710	34.313	ng/ul	99
51) 3-Nitroaniline	14.643	138	52586	40.764	ng/ul	98
52) Acenaphthene	14.819	153	202485	35.724	ng/ul	98
53) 2,4-Dinitrophenol	14.849	184	31717	39.948	ng/ul#	69
55) 4-Nitrophenol	14.943	109	54706	41.819	ng/ul	98
56) Dibenzofuran	15.148	168	298349	35.505	ng/ul	99
57) 2,4-Dinitrotoluene	15.101	165	78999	43.565	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.372	232	76356	40.358	ng/ul#	97
59) Diethylphthalate	15.560	149	267058	37.376	ng/ul	98
61) Fluorene	15.800	166	246217	35.350	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.789	204	135174	36.471	ng/ul	97
63) 4-Nitroaniline	15.806	138	55777m	43.968	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.871	198	47354	40.609	ng/ul	98
67) N-Nitrosodiphenylamine	16.000	169	219450	34.658	ng/ul	97
68) 4-Bromophenyl-phenylether	16.682	248	97892	42.216	ng/ul	95
69) Hexachlorobenzene	16.805	284	112913	37.696	ng/ul	93
70) Atrazine	16.940	200	74140	28.570	ng/ul	98
71) Pentachlorophenol	17.146	266	63672	34.956	ng/ul	93
72) Phenanthrene	17.539	178	443078	36.049	ng/ul	98
74) Anthracene	17.633	178	438756	35.705	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.562	216	117879	33.796	ng/uL	97
76) Pentachlorobenzene	15.072	250	123673	36.957	ng/uL	98
77) Carbazole	17.892	167	399508	36.787	ng/ul	100
78) Di-n-butylphthalate	18.450	149	464097	35.937	ng/ul	99
80) Fluoranthene	19.542	202	575869	36.787	ng/ul	100
82) Pyrene	19.907	202	555236	35.685	ng/ul	96
83) Butylbenzylphthalate	20.782	149	206815	38.230	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.669	252	180494	33.913	ng/ul	93
85) Benzo(a)anthracene	21.763	228	558313	36.429	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.663	149	281363	37.551	ng/ul	98
87) Chrysene	21.833	228	529619	36.230	ng/ul	98
89) Di-n-octyl phthalate	22.903	149	485622	37.806	ng/ul	100
90) Benzo(b)fluoranthene	24.036	252	584244	36.689	ng/ul	99
91) Benzo(k)fluoranthene	24.113	252	553089m	37.633	ng/ul	
93) Benzo(a)pyrene	24.941	252	553815	36.836	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.871	276	647095	38.057	ng/ul	98
95) Dibenzo(a,h)anthracene	28.936	278	535570	37.059	ng/ul	98
96) Benzo(g,h,i)perylene	30.058	276	539868	37.561	ng/ul	99

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

