

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030322\
 Data File : BG052569.D
 Acq On : 4 Mar 2022 00:25
 Operator : CG/JU
 Sample : PB143070BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS070

Quant Time: Mar 04 01:24:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 22 17:32:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2022
 Supervised By :Yogesh Patel 03/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	24484	20.000	ng/u1	0.00
20) Naphthalene-d8	11.055	136	109247	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.861	164	84577	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.610	188	202788	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.928	240	196059	20.000	ng/u1	# 0.00
88) Perylene-d12	25.388	264	201551	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.541	96	3773	6.045	ng/uL	0.00
4) Pyridine-d5	3.970	84	58444	31.039	ng/u1	0.00
7) Phenol-d5	7.365	99	80885	34.839	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.524	67	45270	33.365	ng/u1	0.00
11) 2-Chlorophenol-d4	7.747	132	55370	33.955	ng/u1	0.00
15) 4-Methylphenol-d8	8.922	113	63350	35.070	ng/u1	-0.01
21) Nitrobenzene-d5	9.386	128	30903	33.182	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.121	143	35164	34.470	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	68801	36.167	ng/u1	0.00
31) 4-Chloroaniline-d4	11.184	131	73615	27.924	ng/u1	0.00
46) Dimethylphthalate-d6	14.250	166	231378	33.652	ng/u1	0.00
49) Acenaphthylene-d8	14.556	160	282950	33.336	ng/u1	0.00
54) 4-Nitrophenol-d4	15.055	143	35623	32.592	ng/u1	0.00
60) Fluorene-d10	15.854	176	201542	33.368	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.966	200	44512	34.618	ng/u1	0.00
73) Anthracene-d10	17.710	188	336148	34.312	ng/u1	0.00
81) Pyrene-d10	19.990	212	411642	35.881	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.153	264	390615	36.125	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.576	88	8202m	11.295	ng/uL	
5) Pyridine	3.988	79	60224	31.679	ng/u1	92
6) Benzaldehyde	7.336	77	57646	43.723	ng/u1	94
8) Phenol	7.389	94	81454	34.688	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.618	93	58408	33.629	ng/u1	90
12) 2-Chlorophenol	7.777	128	57899	34.080	ng/u1	91
13) 2-Methylphenol	8.658	108	61076	34.361	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.740	45	77897	32.769	ng/u1	99
16) Acetophenone	9.046	105	95155	34.190	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.022	70	55922	34.131	ng/u1	92
18) 4-Methylphenol	8.987	108	68082	36.016	ng/u1	91
19) Hexachloroethane	9.316	117	22088	33.253	ng/u1#	81
22) Nitrobenzene	9.433	77	79292	33.212	ng/u1#	93
23) Isophorone	9.956	82	159937	34.725	ng/u1	97
25) 2-Nitrophenol	10.156	139	37050	34.561	ng/u1	95
26) 2,4-Dimethylphenol	10.209	107	75227	34.118	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.438	93	81591	32.730	ng/u1#	97
29) 2,4-Dichlorophenol	10.696	162	64568	35.878	ng/u1	96
30) Naphthalene	11.107	128	201516	33.156	ng/u1	98
32) 4-Chloroaniline	11.207	127	76111	28.143	ng/u1	96
33) Hexachlorobutadiene	11.389	225	45146	31.792	ng/u1	96
34) Caprolactam	11.953	113	26497m	39.577	ng/u1	
35) 4-Chloro-3-methylphenol	12.323	107	73986	36.808	ng/u1	91
36) 2-Methylnaphthalene	12.699	142	147564	33.883	ng/u1	99

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37) 1-Methylnaphthalene	12.917	142	151737	34.236	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.070	216	93896	31.634	ng/ul	98
40) Hexachlorocyclopentadiene	13.046	237	38640	26.891	ng/ul	95
41) 2,4,6-Trichlorophenol	13.304	196	58494	32.860	ng/ul	92
42) 2,4,5-Trichlorophenol	13.381	196	64333	33.906	ng/ul	97
43) 1,1'-Biphenyl	13.698	154	213474	31.744	ng/ul#	94
44) 2-Chloronaphthalene	13.745	162	165673	32.394	ng/ul	98
45) 2-Nitroaniline	13.939	65	56348	33.734	ng/ul#	88
47) Dimethylphthalate	14.297	163	224524	33.407	ng/ul	99
48) 2,6-Dinitrotoluene	14.426	165	49565	33.676	ng/ul	89
50) Acenaphthylene	14.585	152	277916	32.766	ng/ul	98
51) 3-Nitroaniline	14.761	138	45042	37.579	ng/ul#	93
52) Acenaphthene	14.926	153	184588	33.091	ng/ul	97
53) 2,4-Dinitrophenol	14.973	184	22778	31.298	ng/ul	90
55) 4-Nitrophenol	15.067	109	33433m	31.540	ng/ul	
56) Dibenzofuran	15.261	168	266885	33.282	ng/ul	97
57) 2,4-Dinitrotoluene	15.214	165	71879	33.715	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.490	232	59108	34.372	ng/ul#	86
59) Diethylphthalate	15.654	149	230465	33.922	ng/ul	95
61) Fluorene	15.907	166	224419	33.271	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.889	204	120519	32.830	ng/ul	91
63) 4-Nitroaniline	15.919	138	50761m	44.108	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.983	198	43250	34.707	ng/ul	91
67) N-Nitrosodiphenylamine	16.101	169	199864	34.980	ng/ul	93
68) 4-Bromophenyl-phenylether	16.788	248	83408	34.269	ng/ul#	87
69) Hexachlorobenzene	16.923	284	96284	34.476	ng/ul#	86
70) Atrazine	17.046	200	85202	33.836	ng/ul	96
71) Pentachlorophenol	17.264	266	39140m	31.116	ng/ul	
72) Phenanthrene	17.657	178	378600	34.664	ng/ul	99
74) Anthracene	17.746	178	373809	34.005	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.669	216	101345	31.592	ng/ul	99
76) Pentachlorobenzene	15.184	250	105490	34.444	ng/ul	99
77) Carbazole	18.010	167	346519	35.491	ng/ul	98
78) Di-n-butylphthalate	18.550	149	398103	34.285	ng/ul	98
80) Fluoranthene	19.661	202	494961	36.543	ng/ul#	90
82) Pyrene	20.019	202	478331	35.563	ng/ul#	90
83) Butylbenzylphthalate	20.888	149	171245	35.218	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.805	252	149778	34.583	ng/ul#	98
85) Benzo(a)anthracene	21.905	228	466524	35.117	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.781	149	236255	34.664	ng/ul#	98
87) Chrysene	21.975	228	442972	34.780	ng/ul	97
89) Di-n-octyl phthalate	23.068	149	401418	34.442	ng/ul	100
90) Benzo(b)fluoranthene	24.284	252	492129	35.021	ng/ul#	96
91) Benzo(k)fluoranthene	24.354	252	449011	34.642	ng/ul#	96
93) Benzo(a)pyrene	25.230	252	464144	35.110	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.383	276	535382	35.616	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.447	278	452703	35.279	ng/ul#	94
96) Benzo(g,h,i)perylene	30.640	276	446069	35.343	ng/ul#	89

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

