

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052881.D
 Acq On : 27 Mar 2022 2:26
 Operator : CG/JU
 Sample : PB143607BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS607

Quant Time: Mar 28 01:05:36 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/28/2022
 Supervised By :mohammad ahmed 03/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	31176	20.000	ng/u1	0.00
20) Naphthalene-d8	10.954	136	146070	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.761	164	118073	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	281881	20.000	ng/u1	0.00
79) Chrysene-d12	21.792	240	278015	20.000	ng/u1	# 0.00
88) Perylene-d12	25.105	264	285353	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.558	96	5109	5.789	ng/uL	0.00
4) Pyridine-d5	3.969	84	69884	31.716	ng/u1	0.00
7) Phenol-d5	7.282	99	105337	37.724	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.459	67	64317	37.714	ng/u1	0.00
11) 2-Chlorophenol-d4	7.670	132	71159	37.531	ng/u1	0.00
15) 4-Methylphenol-d8	8.839	113	84038	41.547	ng/u1	0.00
21) Nitrobenzene-d5	9.303	128	39781	37.834	ng/u1	0.00
24) 2-Nitrophenol-d4	10.026	143	45839	41.332	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.566	165	89031	36.901	ng/u1	0.00
31) 4-Chloroaniline-d4	11.077	131	110910	34.781	ng/u1	0.00
46) Dimethylphthalate-d6	14.155	166	323936	35.712	ng/u1	0.00
49) Acenaphthylene-d8	14.455	160	354568	32.168	ng/u1	0.00
54) 4-Nitrophenol-d4	14.937	143	59376	38.932	ng/u1	0.00
60) Fluorene-d10	15.747	176	279680	35.115	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.859	200	60431	42.127	ng/u1	0.00
73) Anthracene-d10	17.604	188	437886	33.360	ng/u1	0.00
81) Pyrene-d10	19.883	212	563552	36.235	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.882	264	558760	37.897	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.587	88	11056m	10.224	ng/uL	
5) Pyridine	3.987	79	78813	33.103	ng/u1	95
6) Benzaldehyde	7.271	77	70973	38.234	ng/u1	96
8) Phenol	7.312	94	112703	41.879	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.547	93	78176	38.507	ng/u1	95
12) 2-Chlorophenol	7.699	128	74959	38.695	ng/u1#	90
13) 2-Methylphenol	8.569	108	87510	41.839	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.669	45	131919	39.976	ng/u1	98
16) Acetophenone	8.957	105	134838	42.730	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.945	70	79839	43.401	ng/u1	91
18) 4-Methylphenol	8.904	108	95836	43.979	ng/u1	93
19) Hexachloroethane	9.233	117	30857	35.901	ng/u1	90
22) Nitrobenzene	9.338	77	118833	38.678	ng/u1#	97
23) Isophorone	9.867	82	230235	39.205	ng/u1	96
25) 2-Nitrophenol	10.055	139	50112	43.574	ng/u1	91
26) 2,4-Dimethylphenol	10.108	107	103111	36.183	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.349	93	121396	37.173	ng/u1	97
29) 2,4-Dichlorophenol	10.590	162	89848	38.302	ng/u1	99
30) Naphthalene	11.001	128	267136	35.340	ng/u1	96
32) 4-Chloroaniline	11.101	127	108863	34.743	ng/u1	99
33) Hexachlorobutadiene	11.295	225	68174	35.585	ng/u1	98
34) Caprolactam	11.859	113	36030m	50.998	ng/u1	
35) 4-Chloro-3-methylphenol	12.211	107	112258	44.116	ng/u1	90
36) 2-Methylnaphthalene	12.599	142	200562	37.596	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	204389	37.845	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.963	216	133906	34.311	ng/ul	99
40) Hexachlorocyclopentadiene	12.951	237	79299	29.350	ng/ul	97
41) 2,4,6-Trichlorophenol	13.198	196	93489	39.202	ng/ul	100
42) 2,4,5-Trichlorophenol	13.268	196	103649	40.246	ng/ul	98
43) 1,1'-Biphenyl	13.597	154	286316	33.934	ng/ul	99
44) 2-Chloronaphthalene	13.638	162	228526	33.825	ng/ul	97
45) 2-Nitroaniline	13.832	65	90129	45.509	ng/ul	93
47) Dimethylphthalate	14.208	163	323673	37.391	ng/ul	100
48) 2,6-Dinitrotoluene	14.326	165	68743	43.839	ng/ul#	95
50) Acenaphthylene	14.484	152	377204	35.434	ng/ul	99
51) 3-Nitroaniline	14.649	138	68182	43.077	ng/ul	93
52) Acenaphthene	14.825	153	253863	36.504	ng/ul	96
53) 2,4-Dinitrophenol	14.854	184	43810	44.972	ng/ul#	63
55) 4-Nitrophenol	14.948	109	70558	43.960	ng/ul	89
56) Dibenzofuran	15.160	168	375119	36.384	ng/ul	97
57) 2,4-Dinitrotoluene	15.107	165	99685	44.804	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.377	232	97948	42.194	ng/ul#	94
59) Diethylphthalate	15.565	149	342623	39.081	ng/ul	99
61) Fluorene	15.806	166	311643	36.467	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.794	204	171168	37.640	ng/ul	99
63) 4-Nitroaniline	15.812	138	71977	46.243	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.871	198	63531	45.265	ng/ul#	86
67) N-Nitrosodiphenylamine	16.006	169	279959	36.733	ng/ul	96
68) 4-Bromophenyl-phenylether	16.687	248	123938	44.406	ng/ul	95
69) Hexachlorobenzene	16.817	284	141066	39.127	ng/ul	94
70) Atrazine	16.952	200	98366	31.493	ng/ul#	94
71) Pentachlorophenol	17.151	266	89488m	40.817	ng/ul	
72) Phenanthrene	17.545	178	549102	37.116	ng/ul	98
74) Anthracene	17.639	178	539153	36.452	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.568	216	145494	34.656	ng/ul	98
76) Pentachlorobenzene	15.084	250	156008	38.733	ng/ul	98
77) Carbazole	17.903	167	504316	38.582	ng/ul	98
78) Di-n-butylphthalate	18.456	149	586395	37.725	ng/ul	98
80) Fluoranthene	19.554	202	719657	39.266	ng/ul	98
82) Pyrene	19.912	202	690972	37.930	ng/ul	97
83) Butylbenzylphthalate	20.794	149	267670	42.261	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.681	252	238614	38.293	ng/ul	94
85) Benzo(a)anthracene	21.775	228	693454	38.647	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.675	149	364546	41.555	ng/ul	99
87) Chrysene	21.845	228	669222	39.102	ng/ul	99
89) Di-n-octyl phthalate	22.920	149	616478	41.478	ng/ul	100
90) Benzo(b)fluoranthene	24.054	252	743047	40.326	ng/ul	98
91) Benzo(k)fluoranthene	24.124	252	670376m	39.421	ng/ul	
93) Benzo(a)pyrene	24.958	252	689339	39.626	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.894	276	811722	41.258	ng/ul	98
95) Dibenzo(a,h)anthracene	28.971	278	673483	40.276	ng/ul	99
96) Benzo(g,h,i)perylene	30.087	276	677433	40.733	ng/ul	99

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

