

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052880.D
 Acq On : 27 Mar 2022 1:47
 Operator : CG/JU
 Sample : PB143606BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS606

Quant Time: Mar 28 01:05:21 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	27614	20.000	ng/u1	0.00
20) Naphthalene-d8	10.954	136	133161	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.761	164	105909	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	256421	20.000	ng/u1	0.00
79) Chrysene-d12	21.793	240	262704	20.000	ng/u1	# 0.00
88) Perylene-d12	25.106	264	266568	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.553	96	4159	5.320	ng/uL	0.00
4) Pyridine-d5	3.964	84	61586	31.556	ng/u1	-0.01
7) Phenol-d5	7.289	99	98091	39.661	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.459	67	55602	36.809	ng/u1	0.00
11) 2-Chlorophenol-d4	7.670	132	64051	38.140	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	78152	43.621	ng/u1	0.00
21) Nitrobenzene-d5	9.298	128	34831	36.337	ng/u1	0.00
24) 2-Nitrophenol-d4	10.026	143	41809	41.353	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.567	165	82442	37.482	ng/u1	0.00
31) 4-Chloroaniline-d4	11.078	131	104790	36.048	ng/u1	0.00
46) Dimethylphthalate-d6	14.156	166	300140	36.889	ng/u1	0.00
49) Acenaphthylene-d8	14.455	160	339050	34.293	ng/u1	0.00
54) 4-Nitrophenol-d4	14.937	143	53180	38.875	ng/u1	0.00
60) Fluorene-d10	15.748	176	258166	36.137	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.859	200	55240	42.332	ng/u1	0.00
73) Anthracene-d10	17.604	188	417224	34.942	ng/u1	0.00
81) Pyrene-d10	19.883	212	521393	35.478	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.877	264	511242	37.117	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.588	88	10013	10.454	ng/uL	94
5) Pyridine	3.987	79	69402	32.910	ng/u1	97
6) Benzaldehyde	7.271	77	67925m	41.312	ng/u1	
8) Phenol	7.312	94	97798	41.028	ng/u1#	87
10) Bis(2-Chloroethyl)ether	7.547	93	69249	38.509	ng/u1	97
12) 2-Chlorophenol	7.700	128	64854	37.798	ng/u1	94
13) 2-Methylphenol	8.569	108	77618	41.897	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.663	45	113480	38.824	ng/u1	94
16) Acetophenone	8.957	105	118859	42.525	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.945	70	71243	43.723	ng/u1	98
18) 4-Methylphenol	8.898	108	81044	41.988	ng/u1	86
19) Hexachloroethane	9.233	117	27727	36.421	ng/u1	94
22) Nitrobenzene	9.339	77	105952	37.829	ng/u1	93
23) Isophorone	9.867	82	204562	38.210	ng/u1	98
25) 2-Nitrophenol	10.055	139	43745	41.725	ng/u1#	88
26) 2,4-Dimethylphenol	10.108	107	94862	36.516	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.343	93	107778	36.202	ng/u1	100
29) 2,4-Dichlorophenol	10.596	162	82253	38.463	ng/u1	98
30) Naphthalene	11.001	128	235795	34.217	ng/u1	98
32) 4-Chloroaniline	11.101	127	100056	35.028	ng/u1	96
33) Hexachlorobutadiene	11.295	225	59769	34.222	ng/u1	99
34) Caprolactam	11.859	113	31781m	49.344	ng/u1	
35) 4-Chloro-3-methylphenol	12.211	107	103240	44.505	ng/u1	86
36) 2-Methylnaphthalene	12.599	142	178466	36.697	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
 Data File : BG052880.D
 Acq On : 27 Mar 2022 1:47
 Operator : CG/JU
 Sample : PB143606BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS606

Manual Integrations
 APPROVED

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

Quant Time: Mar 28 01:05:21 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)
37) 1-Methylnaphthalene	12.816	142	185239	37.624	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.969	216	119967	34.270	ng/ul	99
40) Hexachlorocyclopentadiene	12.952	237	71402	29.463	ng/ul	97
41) 2,4,6-Trichlorophenol	13.192	196	83919	39.231	ng/ul	99
42) 2,4,5-Trichlorophenol	13.269	196	89349	38.679	ng/ul	94
43) 1,1'-Biphenyl	13.598	154	257982	34.088	ng/ul	98
44) 2-Chloronaphthalene	13.639	162	206226	34.030	ng/ul	96
45) 2-Nitroaniline	13.833	65	81039	45.619	ng/ul	95
47) Dimethylphthalate	14.209	163	289218	37.248	ng/ul	99
48) 2,6-Dinitrotoluene	14.326	165	62001	44.080	ng/ul	95
50) Acenaphthylene	14.485	152	338590	35.459	ng/ul	98
51) 3-Nitroaniline	14.649	138	62930	44.325	ng/ul	98
52) Acenaphthene	14.825	153	224402	35.973	ng/ul	98
53) 2,4-Dinitrophenol	14.855	184	39609	45.329	ng/ul#	69
55) 4-Nitrophenol	14.949	109	62387	43.333	ng/ul	93
56) Dibenzofuran	15.160	168	338183	36.569	ng/ul	99
57) 2,4-Dinitrotoluene	15.107	165	86696	43.442	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.378	232	85504	41.064	ng/ul#	93
59) Diethylphthalate	15.572	149	303031	38.535	ng/ul	99
61) Fluorene	15.806	166	278216	36.294	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.795	204	151771	37.208	ng/ul	97
63) 4-Nitroaniline	15.812	138	65333	46.795	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.877	198	56271	44.073	ng/ul#	97
67) N-Nitrosodiphenylamine	16.006	169	252929	36.482	ng/ul	98
68) 4-Bromophenyl-phenylether	16.688	248	108753	42.834	ng/ul	96
69) Hexachlorobenzene	16.817	284	125810	38.360	ng/ul	94
70) Atrazine	16.946	200	92647	32.607	ng/ul	98
71) Pentachlorophenol	17.152	266	79570	39.897	ng/ul	96
72) Phenanthrene	17.545	178	500524	37.192	ng/ul	99
74) Anthracene	17.639	178	483481	35.934	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.568	216	129233	33.839	ng/uL	99
76) Pentachlorobenzene	15.078	250	140198	38.263	ng/uL	99
77) Carbazole	17.904	167	450628	37.897	ng/ul	98
78) Di-n-butylphthalate	18.456	149	525258	37.147	ng/ul	99
80) Fluoranthene	19.554	202	642340	37.090	ng/ul	98
82) Pyrene	19.913	202	622480	36.162	ng/ul	96
83) Butylbenzylphthalate	20.794	149	234753	39.224	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.681	252	222756	37.832	ng/ul	98
85) Benzo(a)anthracene	21.775	228	610092	35.983	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.669	149	319685	38.566	ng/ul	98
87) Chrysene	21.840	228	584487	36.141	ng/ul	99
89) Di-n-octyl phthalate	22.915	149	547091	39.403	ng/ul	100
90) Benzo(b)fluoranthene	24.048	252	659449	38.311	ng/ul	99
91) Benzo(k)fluoranthene	24.125	252	591192m	37.215	ng/ul	
93) Benzo(a)pyrene	24.953	252	599996	36.920	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.901	276	709473	38.603	ng/ul	99
95) Dibenzo(a,h)anthracene	28.965	278	600326	38.431	ng/ul	99
96) Benzo(g,h,i)perylene	30.087	276	598058	38.494	ng/ul	97

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

