

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
 Data File : BG052993.D
 Acq On : 31 Mar 2022 23:50
 Operator : CG/JU
 Sample : PB143754BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS754

Quant Time: Apr 01 02:38:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 31 00:50:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/01/2022
 Supervised By :Yogesh Patel 04/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.133	152	29636	20.000	ng/u1	0.00
20) Naphthalene-d8	10.947	136	123781	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.754	164	93846	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.497	188	232378	20.000	ng/u1	0.00
79) Chrysene-d12	21.779	240	233186	20.000	ng/u1	0.00
88) Perylene-d12	25.087	264	241513	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.551	96	3857	4.597	ng/uL	0.00
4) Pyridine-d5	3.962	84	54339	25.943	ng/u1	0.00
7) Phenol-d5	7.281	99	79780	30.056	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	51281	31.632	ng/u1	0.00
11) 2-Chlorophenol-d4	7.669	132	55517	30.803	ng/u1	0.01
15) 4-Methylphenol-d8	8.832	113	59862	31.133	ng/u1	0.00
21) Nitrobenzene-d5	9.290	128	28902	32.437	ng/u1	0.00
24) 2-Nitrophenol-d4	10.019	143	34113	36.298	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.559	165	62912	30.771	ng/u1	0.00
31) 4-Chloroaniline-d4	11.070	131	78022	28.873	ng/u1	0.00
46) Dimethylphthalate-d6	14.149	166	225985	31.345	ng/u1	0.00
49) Acenaphthylene-d8	14.448	160	249960	28.532	ng/u1	0.00
54) 4-Nitrophenol-d4	14.930	143	41609	34.326	ng/u1	0.00
60) Fluorene-d10	15.741	176	199144	31.458	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.852	200	44118	37.307	ng/u1	0.00
73) Anthracene-d10	17.597	188	323023m	29.852	ng/u1	0.00
81) Pyrene-d10	19.876	212	422265	32.370	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.863	264	419242	33.596	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.586	88	8504	8.273	ng/uL#	92
5) Pyridine	3.986	79	65212	28.813	ng/u1	93
6) Benzaldehyde	7.264	77	64787m	36.715	ng/u1	
8) Phenol	7.305	94	84352	32.973	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.546	93	60371	31.282	ng/u1	96
12) 2-Chlorophenol	7.699	128	57041	30.976	ng/u1	94
13) 2-Methylphenol	8.568	108	65161	32.773	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.662	45	99770	31.805	ng/u1	98
16) Acetophenone	8.956	105	98744	32.918	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.938	70	59345	33.936	ng/u1	96
18) 4-Methylphenol	8.891	108	67732	32.697	ng/u1	95
19) Hexachloroethane	9.226	117	25750	31.516	ng/u1	94
22) Nitrobenzene	9.337	77	88171	33.866	ng/u1	96
23) Isophorone	9.860	82	161052	32.363	ng/u1	95
25) 2-Nitrophenol	10.048	139	34980	35.893	ng/u1#	87
26) 2,4-Dimethylphenol	10.101	107	77489	32.088	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.336	93	84963	30.701	ng/u1	98
29) 2,4-Dichlorophenol	10.589	162	64621	32.508	ng/u1	96
30) Naphthalene	11.000	128	197254	30.794	ng/u1	99
32) 4-Chloroaniline	11.094	127	79892	30.088	ng/u1	97
33) Hexachlorobutadiene	11.288	225	51889	31.962	ng/u1	96
34) Caprolactam	11.846	113	24723m	41.295	ng/u1	
35) 4-Chloro-3-methylphenol	12.204	107	76009	35.249	ng/u1	94
36) 2-Methylnaphthalene	12.592	142	141416	31.283	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.809	142	144058	31.477	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.956	216	96012	30.953	ng/ul	99
40) Hexachlorocyclopentadiene	12.944	237	61290	28.541	ng/ul	99
41) 2,4,6-Trichlorophenol	13.191	196	62387	32.914	ng/ul	96
42) 2,4,5-Trichlorophenol	13.262	196	68078	33.259	ng/ul	98
43) 1,1'-Biphenyl	13.591	154	201341	30.023	ng/ul	99
44) 2-Chloronaphthalene	13.637	162	160940	29.971	ng/ul	95
45) 2-Nitroaniline	13.825	65	61090	38.810	ng/ul	86
47) Dimethylphthalate	14.196	163	225150	32.724	ng/ul	99
48) 2,6-Dinitrotoluene	14.319	165	47769	38.327	ng/ul#	95
50) Acenaphthylene	14.478	152	260387	30.775	ng/ul	97
51) 3-Nitroaniline	14.648	138	47946	38.112	ng/ul	97
52) Acenaphthene	14.818	153	174102	31.497	ng/ul	97
53) 2,4-Dinitrophenol	14.848	184	28399	36.678	ng/ul#	66
55) 4-Nitrophenol	14.942	109	50328m	39.451	ng/ul	
56) Dibenzofuran	15.147	168	257989	31.483	ng/ul	100
57) 2,4-Dinitrotoluene	15.100	165	68708	38.854	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.370	232	66614	36.104	ng/ul#	96
59) Diethylphthalate	15.558	149	238189	34.183	ng/ul	98
61) Fluorene	15.799	166	214171	31.531	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.788	204	116270	32.169	ng/ul	95
63) 4-Nitroaniline	15.805	138	51502m	41.630	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.864	198	45116	38.992	ng/ul#	90
67) N-Nitrosodiphenylamine	15.999	169	192638	30.660	ng/ul	97
68) 4-Bromophenyl-phenylether	16.680	248	87285	37.935	ng/ul	96
69) Hexachlorobenzene	16.804	284	100927	33.957	ng/ul#	89
70) Atrazine	16.939	200	88922	34.534	ng/ul	97
71) Pentachlorophenol	17.145	266	61224	33.874	ng/ul	94
72) Phenanthrene	17.538	178	394320	32.332	ng/ul	99
74) Anthracene	17.632	178	381917	31.322	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.561	216	104344	30.149	ng/uL	99
76) Pentachlorobenzene	15.077	250	103103	31.051	ng/uL	100
77) Carbazole	17.891	167	362039	33.597	ng/ul	99
78) Di-n-butylphthalate	18.449	149	425100	33.174	ng/ul#	98
80) Fluoranthene	19.541	202	524314	34.107	ng/ul	99
82) Pyrene	19.906	202	505620	33.091	ng/ul#	95
83) Butylbenzylphthalate	20.781	149	186987	35.198	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.668	252	179571	34.358	ng/ul	91
85) Benzo(a)anthracene	21.762	228	508438	33.783	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.656	149	262940	35.735	ng/ul	100
87) Chrysene	21.826	228	478333	33.321	ng/ul	99
89) Di-n-octyl phthalate	22.901	149	450685	35.827	ng/ul	100
90) Benzo(b)fluoranthene	24.035	252	539840	34.616	ng/ul	98
91) Benzo(k)fluoranthene	24.100	252	491573	34.154	ng/ul#	98
93) Benzo(a)pyrene	24.934	252	501938	34.091	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.876	276	581888	34.945	ng/ul	99
95) Dibenzo(a,h)anthracene	28.934	278	482526	34.094	ng/ul	98
96) Benzo(g,h,i)perylene	30.056	276	484653	34.431	ng/ul	98

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

