

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
 Data File : BG052969.D
 Acq On : 31 Mar 2022 4:22
 Operator : CG/JU
 Sample : PB143726BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS726

Quant Time: Mar 31 05:34:48 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 03/31/2022
 Supervised By :Yogesh Patel 04/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	22572	20.000	ng/u1	0.00
20) Naphthalene-d8	10.947	136	101931	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.754	164	83668	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.497	188	207322	20.000	ng/u1	0.00
79) Chrysene-d12	21.780	240	202501	20.000	ng/u1	0.00
88) Perylene-d12	25.087	264	211286	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.552	96	4620	7.230	ng/uL	0.00
4) Pyridine-d5	3.963	84	61900	38.801	ng/u1	0.00
7) Phenol-d5	7.276	99	89825	44.431	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	55546	44.986	ng/u1	0.00
11) 2-Chlorophenol-d4	7.664	132	59965	43.683	ng/u1	0.00
15) 4-Methylphenol-d8	8.827	113	71378	48.740	ng/u1	0.00
21) Nitrobenzene-d5	9.291	128	33985	46.317	ng/u1	0.00
24) 2-Nitrophenol-d4	10.019	143	38973	50.359	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.560	165	74476	44.235	ng/u1	0.00
31) 4-Chloroaniline-d4	11.071	131	86730	38.976	ng/u1	0.00
46) Dimethylphthalate-d6	14.149	166	284924	44.327	ng/u1	0.00
49) Acenaphthylene-d8	14.449	160	311994	39.945	ng/u1	0.00
54) 4-Nitrophenol-d4	14.930	143	49919m	46.191	ng/u1	0.00
60) Fluorene-d10	15.741	176	244721	43.360	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.853	200	51471	48.785	ng/u1	0.00
73) Anthracene-d10	17.597	188	398387	41.266	ng/u1	0.00
81) Pyrene-d10	19.877	212	493201	43.537	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.864	264	475748	43.578	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.587	88	10462m	13.362	ng/uL	
5) Pyridine	3.980	79	67054	38.899	ng/u1	94
6) Benzaldehyde	7.264	77	66764m	49.676	ng/u1	
8) Phenol	7.305	94	91452	46.936	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.546	93	64584	43.938	ng/u1	98
12) 2-Chlorophenol	7.693	128	61416	43.789	ng/u1	93
13) 2-Methylphenol	8.562	108	70544	46.584	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.656	45	107138	44.842	ng/u1	98
16) Acetophenone	8.950	105	109556	47.953	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.938	70	65405	49.107	ng/u1	96
18) 4-Methylphenol	8.897	108	74672	47.329	ng/u1	95
19) Hexachloroethane	9.232	117	25279	40.622	ng/u1	87
22) Nitrobenzene	9.338	77	97637	45.541	ng/u1#	94
23) Isophorone	9.861	82	191296	46.680	ng/u1	96
25) 2-Nitrophenol	10.055	139	38265	47.680	ng/u1	94
26) 2,4-Dimethylphenol	10.102	107	88259	44.383	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.337	93	96542	42.363	ng/u1	97
29) 2,4-Dichlorophenol	10.589	162	73915	45.154	ng/u1	97
30) Naphthalene	10.994	128	219938	41.695	ng/u1	99
32) 4-Chloroaniline	11.094	127	82772	37.855	ng/u1	99
33) Hexachlorobutadiene	11.288	225	54996	41.137	ng/u1	91
34) Caprolactam	11.846	113	30126m	61.106	ng/u1	
35) 4-Chloro-3-methylphenol	12.205	107	90015	50.693	ng/u1	93
36) 2-Methylnaphthalene	12.592	142	161666	43.428	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	166790	44.257	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.957	216	109907	39.742	ng/ul	98
40) Hexachlorocyclopentadiene	12.945	237	73053	38.157	ng/ul	98
41) 2,4,6-Trichlorophenol	13.191	196	74249	43.937	ng/ul	96
42) 2,4,5-Trichlorophenol	13.262	196	79658	43.650	ng/ul	96
43) 1,1'-Biphenyl	13.591	154	235805	39.440	ng/ul	98
44) 2-Chloronaphthalene	13.632	162	189575	39.598	ng/ul	95
45) 2-Nitroaniline	13.826	65	74403	53.017	ng/ul	94
47) Dimethylphthalate	14.196	163	264906	43.186	ng/ul	99
48) 2,6-Dinitrotoluene	14.319	165	55423	49.878	ng/ul#	92
50) Acenaphthylene	14.478	152	311755	41.328	ng/ul	98
51) 3-Nitroaniline	14.642	138	54413	48.514	ng/ul	96
52) Acenaphthene	14.819	153	206279	41.858	ng/ul	99
53) 2,4-Dinitrophenol	14.848	184	32530	47.124	ng/ul#	66
55) 4-Nitrophenol	14.942	109	56125	49.347	ng/ul	95
56) Dibenzofuran	15.148	168	309695	42.390	ng/ul	99
57) 2,4-Dinitrotoluene	15.101	165	81463	51.670	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.377	232	79835	48.533	ng/ul#	97
59) Diethylphthalate	15.559	149	282066	45.404	ng/ul	99
61) Fluorene	15.800	166	254547	42.034	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.788	204	141233	43.828	ng/ul	99
63) 4-Nitroaniline	15.806	138	59970	54.372	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.864	198	49729	48.173	ng/ul#	87
67) N-Nitrosodiphenylamine	15.999	169	232769	41.525	ng/ul	96
68) 4-Bromophenyl-phenylether	16.681	248	103112	50.230	ng/ul	98
69) Hexachlorobenzene	16.804	284	115541	43.573	ng/ul#	93
70) Atrazine	16.939	200	99540	43.330	ng/ul	98
71) Pentachlorophenol	17.145	266	67560	41.898	ng/ul	94
72) Phenanthrene	17.539	178	461027	42.370	ng/ul	97
74) Anthracene	17.633	178	454213	41.754	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.562	216	119360	38.656	ng/uL	97
76) Pentachlorobenzene	15.077	250	122763	41.440	ng/uL	97
77) Carbazole	17.891	167	413692	43.030	ng/ul	98
78) Di-n-butylphthalate	18.449	149	490011	42.861	ng/ul	99
80) Fluoranthene	19.542	202	597326	44.745	ng/ul	99
82) Pyrene	19.906	202	579813	43.697	ng/ul	95
83) Butylbenzylphthalate	20.781	149	209610	45.436	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.668	252	193978	42.739	ng/ul	92
85) Benzo(a)anthracene	21.762	228	558421	42.727	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.662	149	290025	45.389	ng/ul	99
87) Chrysene	21.833	228	529194	42.450	ng/ul	100
89) Di-n-octyl phthalate	22.902	149	491072	44.623	ng/ul	100
90) Benzo(b)fluoranthene	24.036	252	592581	43.434	ng/ul	99
91) Benzo(k)fluoranthene	24.106	252	539677	42.861	ng/ul	98
93) Benzo(a)pyrene	24.934	252	554119	43.019	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.870	276	643015	44.141	ng/ul	98
95) Dibenzo(a,h)anthracene	28.941	278	545730	44.076	ng/ul#	96
96) Benzo(g,h,i)perylene	30.051	276	543871	44.166	ng/ul	99

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

