

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
 Data File : BG052187.D
 Acq On : 27 Jan 2022 16:05
 Operator : CG/JU
 Sample : PB142295BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS295

Quant Time: Jan 27 23:59:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 26 23:58:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2022
 Supervised By :Yogesh Patel 01/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	25174	20.000	ng/u1	0.00
20) Naphthalene-d8	11.077	136	108237	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.884	164	76877	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.627	188	187281	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.951	240	190157	20.000	ng/u1	# 0.00
88) Perylene-d12	25.422	264	196088	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.564	96	3810	5.408	ng/uL	0.00
4) Pyridine-d5	3.993	84	57940	26.456	ng/u1	0.00
7) Phenol-d5	7.382	99	72753	29.528	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.541	67	44500	28.451	ng/u1	0.00
11) 2-Chlorophenol-d4	7.764	132	51218	31.397	ng/u1	0.00
15) 4-Methylphenol-d8	8.945	113	58144	30.357	ng/u1	0.00
21) Nitrobenzene-d5	9.409	128	26378	30.842	ng/u1	0.00
24) 2-Nitrophenol-d4	10.143	143	30617	32.368	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.690	165	61057	33.024	ng/u1	0.00
31) 4-Chloroaniline-d4	11.201	131	67391	26.173	ng/u1	0.00
46) Dimethylphthalate-d6	14.273	166	202169	31.815	ng/u1	0.00
49) Acenaphthylene-d8	14.578	160	241783	31.499	ng/u1	0.00
54) 4-Nitrophenol-d4	15.066	143	30894	29.079	ng/u1	0.00
60) Fluorene-d10	15.871	176	176300	31.821	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.982	200	34842	29.491	ng/u1	0.00
73) Anthracene-d10	17.727	188	291980	32.865	ng/u1	0.00
81) Pyrene-d10	20.006	212	364497	33.306	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.188	264	362643	35.130	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.605	88	8518	10.479	ng/uL	86
5) Pyridine	4.010	79	59065	25.743	ng/u1	100
6) Benzaldehyde	7.359	77	42477	25.917	ng/u1	95
8) Phenol	7.412	94	73582	29.259	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.635	93	52164	28.336	ng/u1	96
12) 2-Chlorophenol	7.799	128	51306	30.916	ng/u1	93
13) 2-Methylphenol	8.675	108	54928	30.036	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.763	45	74067	26.378	ng/u1	95
16) Acetophenone	9.062	105	84542	27.967	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.045	70	49787	26.959	ng/u1	97
18) 4-Methylphenol	9.004	108	58081	29.320	ng/u1	90
19) Hexachloroethane	9.344	117	20809	29.044	ng/u1#	83
22) Nitrobenzene	9.450	77	73789	27.816	ng/u1	98
23) Isophorone	9.979	82	138823	27.680	ng/u1	99
25) 2-Nitrophenol	10.178	139	31208	30.021	ng/u1	99
26) 2,4-Dimethylphenol	10.225	107	67426	29.892	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.455	93	71940	27.860	ng/u1	97
29) 2,4-Dichlorophenol	10.719	162	54667	30.106	ng/u1	96
30) Naphthalene	11.130	128	169535	28.905	ng/u1	97
32) 4-Chloroaniline	11.224	127	63819	24.321	ng/u1	97
33) Hexachlorobutadiene	11.418	225	42960	29.681	ng/u1	99
34) Caprolactam	11.970	113	20112m	28.459	ng/u1	
35) 4-Chloro-3-methylphenol	12.340	107	64036	30.544	ng/u1	93
36) 2-Methylnaphthalene	12.722	142	121797	29.153	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.939	142	126781	29.569	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.086	216	82165	30.906	ng/ul	98
40) Hexachlorocyclopentadiene	13.069	237	35862	19.659	ng/ul	98
41) 2,4,6-Trichlorophenol	13.321	196	52724	31.378	ng/ul	93
42) 2,4,5-Trichlorophenol	13.398	196	56412	31.144	ng/ul	98
43) 1,1'-Biphenyl	13.715	154	177980	29.989	ng/ul#	96
44) 2-Chloronaphthalene	13.762	162	135811	29.548	ng/ul	96
45) 2-Nitroaniline	13.956	65	51137	29.030	ng/ul	94
47) Dimethylphthalate	14.320	163	185890	29.668	ng/ul	98
48) 2,6-Dinitrotoluene	14.443	165	40945	30.993	ng/ul	94
50) Acenaphthylene	14.608	152	229268	30.332	ng/ul	98
51) 3-Nitroaniline	14.772	138	36490	30.535	ng/ul	99
52) Acenaphthene	14.943	153	151520	30.149	ng/ul	96
53) 2,4-Dinitrophenol	14.978	184	17253	22.151	ng/ul	91
55) 4-Nitrophenol	15.084	109	34448m	28.256	ng/ul	
56) Dibenzofuran	15.277	168	216726	29.693	ng/ul	100
57) 2,4-Dinitrotoluene	15.230	165	60631	31.744	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.507	232	50790	30.230	ng/ul#	86
59) Diethylphthalate	15.677	149	192227	29.736	ng/ul	96
61) Fluorene	15.929	166	185763	30.542	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.906	204	104705	31.022	ng/ul	94
63) 4-Nitroaniline	15.935	138	38912	31.692	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.994	198	32466	28.743	ng/ul	99
67) N-Nitrosodiphenylamine	16.123	169	164865	32.761	ng/ul	94
68) 4-Bromophenyl-phenylether	16.805	248	71954	32.819	ng/ul#	86
69) Hexachlorobenzene	16.934	284	80918	33.278	ng/ul#	89
70) Atrazine	17.063	200	70563	30.223	ng/ul	98
71) Pentachlorophenol	17.281	266	36618	26.966	ng/ul	95
72) Phenanthrene	17.674	178	315585	32.159	ng/ul	99
74) Anthracene	17.762	178	305441	31.094	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.685	216	84674	30.104	ng/uL	97
76) Pentachlorobenzene	15.201	250	88979	32.503	ng/uL	99
77) Carbazole	18.027	167	285282	32.230	ng/ul	97
78) Di-n-butylphthalate	18.567	149	330229	31.562	ng/ul	100
80) Fluoranthene	19.671	202	415315	32.839	ng/ul#	90
82) Pyrene	20.036	202	403971	32.443	ng/ul#	88
83) Butylbenzylphthalate	20.905	149	148416	34.250	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.827	252	137040	31.219	ng/ul#	97
85) Benzo(a)anthracene	21.927	228	418809	33.490	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.804	149	212762	33.572	ng/ul#	99
87) Chrysene	21.998	228	392134	32.564	ng/ul	99
89) Di-n-octyl phthalate	23.102	149	364184	33.621	ng/ul	100
90) Benzo(b)fluoranthene	24.312	252	438790	33.766	ng/ul#	95
91) Benzo(k)fluoranthene	24.389	252	418652	34.844	ng/ul#	96
93) Benzo(a)pyrene	25.264	252	415952	33.822	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.435	276	489511	34.771	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.511	278	412390	34.632	ng/ul#	93
96) Benzo(g,h,i)perylene	30.698	276	405902m	34.291	ng/ul	

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

