

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033022\
 Data File : BG052968.D
 Acq On : 31 Mar 2022 3:43
 Operator : CG/JU
 Sample : PB143705BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS705

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022
 Supervised By :Yogesh Patel 04/06/2022

Quant Time: Mar 31 05:34:38 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	23932	20.000	ng/u1	0.00
20) Naphthalene-d8	10.948	136	113847	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.755	164	91855	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	238858	20.000	ng/u1	0.00
79) Chrysene-d12	21.780	240	245861	20.000	ng/u1	# 0.00
88) Perylene-d12	25.088	264	261666	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	3360m	4.959	ng/uL	0.00
4) Pyridine-d5	3.957	84	48855	28.884	ng/u1	0.00
7) Phenol-d5	7.277	99	69166	32.268	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.447	67	45001	34.375	ng/u1	0.00
11) 2-Chlorophenol-d4	7.658	132	48237	33.143	ng/u1	0.00
15) 4-Methylphenol-d8	8.827	113	53852	34.683	ng/u1	0.00
21) Nitrobenzene-d5	9.291	128	26252	32.034	ng/u1	0.00
24) 2-Nitrophenol-d4	10.020	143	30620	35.424	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.554	165	58942	31.344	ng/u1	0.00
31) 4-Chloroaniline-d4	11.071	131	71952	28.950	ng/u1	0.00
46) Dimethylphthalate-d6	14.150	166	228937	32.442	ng/u1	0.00
49) Acenaphthylene-d8	14.449	160	249238	29.066	ng/u1	0.00
54) 4-Nitrophenol-d4	14.925	143	42670	35.964	ng/u1	0.00
60) Fluorene-d10	15.742	176	199358	32.175	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.853	200	41837	34.418	ng/u1	0.00
73) Anthracene-d10	17.592	188	333647	29.997	ng/u1	0.00
81) Pyrene-d10	19.877	212	421304	30.631	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.859	264	429931	31.799	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.582	88	8845m	10.655	ng/uL	
5) Pyridine	3.981	79	53744	29.406	ng/u1	91
6) Benzaldehyde	7.265	77	42993m	30.171	ng/u1	
8) Phenol	7.306	94	76069	36.822	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.541	93	54497	34.968	ng/u1	99
12) 2-Chlorophenol	7.694	128	50614	34.037	ng/u1	92
13) 2-Methylphenol	8.569	108	58326	36.327	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.657	45	90150	35.587	ng/u1#	94
16) Acetophenone	8.951	105	91136	37.623	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.933	70	55677	39.427	ng/u1#	96
18) 4-Methylphenol	8.892	108	63504	37.963	ng/u1	82
19) Hexachloroethane	9.221	117	21474	32.547	ng/u1	92
22) Nitrobenzene	9.333	77	80285	33.528	ng/u1	94
23) Isophorone	9.861	82	155288	33.927	ng/u1	99
25) 2-Nitrophenol	10.049	139	32172	35.892	ng/u1	89
26) 2,4-Dimethylphenol	10.102	107	71823	32.337	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.337	93	79770	31.340	ng/u1	95
29) 2,4-Dichlorophenol	10.584	162	58988	32.264	ng/u1	93
30) Naphthalene	10.995	128	184175	31.261	ng/u1	98
32) 4-Chloroaniline	11.095	127	65055	26.638	ng/u1	98
33) Hexachlorobutadiene	11.289	225	46711	31.283	ng/u1	97
34) Caprolactam	11.841	113	25004m	45.408	ng/u1	
35) 4-Chloro-3-methylphenol	12.205	107	73995	37.309	ng/u1	88
36) 2-Methylnaphthalene	12.593	142	134372	32.318	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	135996	32.309	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.957	216	89187	29.376	ng/ul	97
40) Hexachlorocyclopentadiene	12.939	237	57074	27.154	ng/ul	94
41) 2,4,6-Trichlorophenol	13.192	196	59707	32.183	ng/ul	99
42) 2,4,5-Trichlorophenol	13.263	196	66649	33.266	ng/ul	97
43) 1,1'-Biphenyl	13.591	154	199528	30.398	ng/ul	99
44) 2-Chloronaphthalene	13.633	162	154571	29.409	ng/ul	95
45) 2-Nitroaniline	13.826	65	61361	39.827	ng/ul	95
47) Dimethylphthalate	14.197	163	220705	32.774	ng/ul	98
48) 2,6-Dinitrotoluene	14.314	165	46224	37.892	ng/ul	96
50) Acenaphthylene	14.479	152	260634	31.471	ng/ul	100
51) 3-Nitroaniline	14.643	138	45130	36.651	ng/ul	89
52) Acenaphthene	14.819	153	172876	31.953	ng/ul	98
53) 2,4-Dinitrophenol	14.849	184	24682	32.568	ng/ul#	61
55) 4-Nitrophenol	14.943	109	51010	40.852	ng/ul	94
56) Dibenzofuran	15.148	168	261018	32.543	ng/ul	97
57) 2,4-Dinitrotoluene	15.101	165	70708	40.851	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.371	232	65356	36.190	ng/ul#	96
59) Diethylphthalate	15.559	149	243132	35.649	ng/ul	98
61) Fluorene	15.800	166	219088	32.954	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.789	204	117271	33.149	ng/ul	98
63) 4-Nitroaniline	15.806	138	48044m	39.677	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.865	198	41271	34.701	ng/ul#	97
67) N-Nitrosodiphenylamine	15.994	169	200476	31.042	ng/ul	95
68) 4-Bromophenyl-phenylether	16.681	248	87020	36.794	ng/ul	95
69) Hexachlorobenzene	16.805	284	98610	32.278	ng/ul	94
70) Atrazine	16.940	200	66625	25.173	ng/ul	95
71) Pentachlorophenol	17.145	266	57108m	30.740	ng/ul	
72) Phenanthrene	17.539	178	400079	31.914	ng/ul	98
74) Anthracene	17.633	178	394776	31.499	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.562	216	97676	27.457	ng/uL	96
76) Pentachlorobenzene	15.072	250	105984	31.052	ng/uL	99
77) Carbazole	17.892	167	361550	32.642	ng/ul	98
78) Di-n-butylphthalate	18.450	149	429914	32.640	ng/ul	99
80) Fluoranthene	19.542	202	533949	32.943	ng/ul	98
82) Pyrene	19.906	202	513430	31.870	ng/ul	96
83) Butylbenzylphthalate	20.782	149	190941	34.090	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.669	252	171044	31.039	ng/ul	95
85) Benzo(a)anthracene	21.763	228	517069	32.585	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.657	149	265755	34.256	ng/ul	99
87) Chrysene	21.833	228	486925	32.171	ng/ul	99
89) Di-n-octyl phthalate	22.902	149	457326	33.555	ng/ul	100
90) Benzo(b)fluoranthene	24.036	252	549778	32.538	ng/ul#	97
91) Benzo(k)fluoranthene	24.107	252	508076	32.582	ng/ul#	98
93) Benzo(a)pyrene	24.935	252	521558	32.695	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.877	276	610982	33.866	ng/ul	98
95) Dibenzo(a,h)anthracene	28.941	278	513477	33.487	ng/ul	98
96) Benzo(g,h,i)perylene	30.057	276	513453	33.668	ng/ul	96

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

