

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021522\
 Data File : BG052405.D
 Acq On : 15 Feb 2022 23:19
 Operator : CG/JU
 Sample : PB142595BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS595

Quant Time: Feb 16 00:04:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 31 18:07:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/16/2022
 Supervised By :Jagrut Upadhyay 02/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	26390	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.060	136	111280	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.866	164	80486	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.615	188	200393	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.933	240	209035	20.000	ng/u1	#-0.01
88) Perylene-d12	25.393	264	209941	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	3902	5.965	ng/uL	-0.02
4) Pyridine-d5	3.969	84	61514	30.234	ng/u1	-0.02
7) Phenol-d5	7.365	99	78892	32.866	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.529	67	46554	31.923	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.746	132	55033	32.901	ng/u1	-0.02
15) 4-Methylphenol-d8	8.927	113	62518	34.320	ng/u1	-0.01
21) Nitrobenzene-d5	9.391	128	29347	32.389	ng/u1	-0.02
24) 2-Nitrophenol-d4	10.125	143	34022	34.362	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.678	165	65302	33.832	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.183	131	76166	31.109	ng/u1	-0.02
46) Dimethylphthalate-d6	14.255	166	223932	35.396	ng/u1	-0.01
49) Acenaphthylene-d8	14.561	160	269861	34.222	ng/u1	-0.02
54) 4-Nitrophenol-d4	15.054	143	35573	37.126	ng/u1	0.00
60) Fluorene-d10	15.859	176	194659	35.121	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.971	200	42832	34.621	ng/u1	-0.01
73) Anthracene-d10	17.715	188	322482	34.135	ng/u1	-0.01
81) Pyrene-d10	19.994	212	415616	33.175	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.158	264	389477	34.920	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.581	88	9154	12.555	ng/uL#	90
5) Pyridine	3.987	79	61092	28.672	ng/u1	96
6) Benzaldehyde	7.341	77	46293	34.017	ng/u1	93
8) Phenol	7.394	94	80656	33.527	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.623	93	60148	33.086	ng/u1	91
12) 2-Chlorophenol	7.782	128	57465	33.280	ng/u1	95
13) 2-Methylphenol	8.663	108	59890	33.080	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.745	45	81492	31.385	ng/u1#	95
16) Acetophenone	9.045	105	96526	34.170	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.027	70	56552	33.374	ng/u1	99
18) 4-Methylphenol	8.992	108	65856	34.527	ng/u1	94
19) Hexachloroethane	9.327	117	22824	30.693	ng/u1#	79
22) Nitrobenzene	9.438	77	80541	31.869	ng/u1	96
23) Isophorone	9.961	82	158542	33.903	ng/u1	98
25) 2-Nitrophenol	10.161	139	35611	32.899	ng/u1	96
26) 2,4-Dimethylphenol	10.208	107	73564	32.961	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.443	93	83565	33.320	ng/u1	98
29) 2,4-Dichlorophenol	10.701	162	61842	33.144	ng/u1	98
30) Naphthalene	11.112	128	200039	32.876	ng/u1	98
32) 4-Chloroaniline	11.206	127	72155	28.584	ng/u1	94
33) Hexachlorobutadiene	11.394	225	45449	29.861	ng/u1	95
34) Caprolactam	11.952	113	23751m	39.248	ng/u1	
35) 4-Chloro-3-methylphenol	12.328	107	73996	36.768	ng/u1	97
36) 2-Methylnaphthalene	12.704	142	144112	33.752	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.922	142	148487	33.804	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.074	216	92121	31.798	ng/ul	98
40) Hexachlorocyclopentadiene	13.051	237	38710	23.405	ng/ul	98
41) 2,4,6-Trichlorophenol	13.304	196	56413	32.612	ng/ul	95
42) 2,4,5-Trichlorophenol	13.386	196	63730	34.206	ng/ul	98
43) 1,1'-Biphenyl	13.697	154	206902	32.791	ng/ul#	93
44) 2-Chloronaphthalene	13.750	162	158835	32.900	ng/ul	97
45) 2-Nitroaniline	13.944	65	57586	35.426	ng/ul	89
47) Dimethylphthalate	14.302	163	215026	35.066	ng/ul	99
48) 2,6-Dinitrotoluene	14.431	165	48289	36.503	ng/ul	87
50) Acenaphthylene	14.590	152	269789	34.134	ng/ul	96
51) 3-Nitroaniline	14.760	138	44421	39.239	ng/ul	96
52) Acenaphthene	14.931	153	177420	34.242	ng/ul	98
53) 2,4-Dinitrophenol	14.972	184	22724	33.080	ng/ul#	82
55) 4-Nitrophenol	15.072	109	36763	36.606	ng/ul	87
56) Dibenzofuran	15.266	168	258771	34.493	ng/ul	100
57) 2,4-Dinitrotoluene	15.219	165	71007	37.443	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.489	232	57595	35.315	ng/ul#	89
59) Diethylphthalate	15.659	149	225282	36.231	ng/ul	98
61) Fluorene	15.912	166	218673	35.125	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.894	204	117526	34.326	ng/ul	95
63) 4-Nitroaniline	15.924	138	48378	44.040	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.988	198	42293	35.894	ng/ul#	90
67) N-Nitrosodiphenylamine	16.106	169	192745	35.084	ng/ul	96
68) 4-Bromophenyl-phenylether	16.793	248	83495	34.515	ng/ul#	86
69) Hexachlorobenzene	16.922	284	93157	34.265	ng/ul#	87
70) Atrazine	17.051	200	78201	32.264	ng/ul	97
71) Pentachlorophenol	17.269	266	39140	30.026	ng/ul	96
72) Phenanthrene	17.656	178	371321	35.173	ng/ul	99
74) Anthracene	17.750	178	364713	35.003	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.674	216	97178	29.047	ng/uL	97
76) Pentachlorobenzene	15.189	250	100570	32.586	ng/uL	98
77) Carbazole	18.015	167	341794	37.636	ng/ul	97
78) Di-n-butylphthalate	18.555	149	405087	37.189	ng/ul	99
80) Fluoranthene	19.660	202	496291	33.640	ng/ul#	92
82) Pyrene	20.024	202	484507	33.547	ng/ul#	91
83) Butylbenzylphthalate	20.887	149	177972	35.226	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.810	252	163940	36.626	ng/ul#	97
85) Benzo(a)anthracene	21.910	228	484281	34.445	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.786	149	250844	34.636	ng/ul#	97
87) Chrysene	21.980	228	459218	34.569	ng/ul	98
89) Di-n-octyl phthalate	23.079	149	421344	35.375	ng/ul	100
90) Benzo(b)fluoranthene	24.283	252	502344	34.506	ng/ul#	96
91) Benzo(k)fluoranthene	24.359	252	478804	35.948	ng/ul#	95
93) Benzo(a)pyrene	25.229	252	476874	35.123	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.382	276	551841	36.487	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.446	278	466301	37.183	ng/ul#	93
96) Benzo(g,h,i)perylene	30.639	276	467235	36.292	ng/ul#	89

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

