

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100421\
 Data File : BG050407.D
 Acq On : 4 Oct 2021 9:50
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020526

Quant Time: Oct 04 10:31:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	45365	20.00	ng/ul	0.00
20) Naphthalene-d8	11.097	136	193065	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.887	164	127802	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.631	188	288935	20.00	ng/ul	0.00
79) Chrysene-d12	21.937	240	242706	20.00	ng/ul	-0.01
88) Perylene-d12	25.363	264	243264	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.635	96	10142	8.21	ng/uL	0.00
4) Pyridine-d5	4.058	84	76336	20.75	ng/ul	-0.01
7) Phenol-d5	7.401	99	85705	21.62	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.583	67	54818	21.98	ng/ul	0.00
11) 2-Chlorophenol-d4	7.795	132	61299	22.07	ng/ul	0.00
15) 4-Methylphenol-d8	8.958	113	64411	21.47	ng/ul	0.00
21) Nitrobenzene-d5	9.440	128	29218	21.63	ng/ul	0.00
24) 2-Nitrophenol-d4	10.169	143	31878	21.99	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.703	165	59621	20.83	ng/ul	0.00
31) 4-Chloroaniline-d4	11.226	131	85862	21.00	ng/ul	0.00
46) Dimethylphthalate-d6	14.281	166	180676	20.66	ng/ul	-0.01
49) Acenaphthylene-d8	14.587	160	235820	21.47	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	34802	20.66	ng/ul	0.00
60) Fluorene-d10	15.880	176	165079	20.95	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	25595	17.76	ng/ul	0.00
73) Anthracene-d10	17.730	188	261594	21.43	ng/ul	0.00
81) Pyrene-d10	20.004	212	286513	22.20	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.128	264	256965	21.01	ng/ul	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.670	88	11204	7.50 ng/uL#	90
5) Pyridine	4.082	79	81058	21.75 ng/ul	99
6) Benzaldehyde	7.401	77	67411	25.79 ng/ul	98
8) Phenol	7.431	94	88842	21.87 ng/ul	98
10) Bis(2-Chloroethyl)ether	7.677	93	66188	21.72 ng/ul	97
12) 2-Chlorophenol	7.830	128	61558	21.67 ng/ul	94
13) 2-Methylphenol	8.700	108	64401	21.51 ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.794	45	105458	23.07 ng/ul	98
16) Acetophenone	9.099	105	103675	21.75 ng/ul	98
17) N-Nitroso-di-n-propyla...	9.070	70	61931	21.62 ng/ul#	91
18) 4-Methylphenol	9.023	108	69751	22.00 ng/ul	99
19) Hexachloroethane	9.364	117	26801	21.95 ng/ul	93
22) Nitrobenzene	9.481	77	89817	22.19 ng/ul	97
23) Isophorone	10.010	82	165201	21.24 ng/ul	99
25) 2-Nitrophenol	10.198	139	32860	22.06 ng/ul	93
26) 2,4-Dimethylphenol	10.239	107	77976	21.09 ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.486	93	88379	21.04 ng/ul	97
29) 2,4-Dichlorophenol	10.733	162	59027	20.83 ng/ul	94
30) Naphthalene	11.150	128	208099	20.99 ng/ul	99
32) 4-Chloroaniline	11.250	127	87276	21.20 ng/ul	97
33) Hexachlorobutadiene	11.426	225	41459	20.13 ng/ul	97
34) Caprolactam	12.002	113	22385	20.45 ng/ul	87
35) 4-Chloro-3-methylphenol	12.343	107	71776	21.48 ng/ul	99
36) 2-Methylnaphthalene	12.736	142	138699	20.58 ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.954	142	141825	20.91	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.095	216	76187	20.66	ng/ul#	98
40) Hexachlorocyclopentadiene	13.071	237	39848	16.29	ng/ul	92
41) 2,4,6-Trichlorophenol	13.324	196	50807	21.86	ng/ul	97
42) 2,4,5-Trichlorophenol	13.394	196	54684	21.50	ng/ul	97
43) 1,1'-Biphenyl	13.729	154	186416	21.67	ng/ul	99
44) 2-Chloronaphthalene	13.776	162	146236	21.70	ng/ul	98
45) 2-Nitroaniline	13.970	65	54942	24.91	ng/ul	93
47) Dimethylphthalate	14.328	163	185167	21.04	ng/ul	98
48) 2,6-Dinitrotoluene	14.458	165	37170	22.45	ng/ul	92
50) Acenaphthylene	14.616	152	240900	21.62	ng/ul	99
51) 3-Nitroaniline	14.787	138	42208	23.44	ng/ul	91
52) Acenaphthene	14.951	153	158288	21.50	ng/ul	98
53) 2,4-Dinitrophenol	14.992	184	16269	15.77	ng/ul#	76
55) 4-Nitrophenol	15.069	109	34949	20.98	ng/ul	95
56) Dibenzofuran	15.286	168	231032	21.57	ng/ul	100
57) 2,4-Dinitrotoluene	15.239	165	53275	22.16	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.504	232	45410	20.77	ng/ul	90
59) Diethylphthalate	15.686	149	195173	21.25	ng/ul	98
61) Fluorene	15.932	166	178571	20.96	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.921	204	95222	20.64	ng/ul	97
63) 4-Nitroaniline	15.944	138	44035	24.22	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.997	198	25496	17.90	ng/ul#	90
67) N-Nitrosodiphenylamine	16.132	169	159663	21.86	ng/ul	99
68) 4-Bromophenyl-phenylether	16.814	248	55851	20.76	ng/ul	95
69) Hexachlorobenzene	16.931	284	57965	20.46	ng/ul	99
70) Atrazine	17.072	200	66900	21.51	ng/ul	97
71) Pentachlorophenol	17.272	266	36754	19.81	ng/ul	97
72) Phenanthrene	17.678	178	307713	21.34	ng/ul	98
74) Anthracene	17.766	178	308739	21.61	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.694	216	82192	21.58	ng/uL	98
76) Pentachlorobenzene	15.204	250	75842	21.79	ng/uL	96
77) Carbazole	18.030	167	284200	22.23	ng/ul	99
78) Di-n-butylphthalate	18.571	149	343733	22.69	ng/ul	99
80) Fluoranthene	19.669	202	367144	22.65	ng/ul	99
82) Pyrene	20.034	202	359984	22.52	ng/ul	98
83) Butylbenzylphthalate	20.903	149	142144	24.13	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.820	252	113241	22.64	ng/ul	99
85) Benzo(a)anthracene	21.914	228	314291	21.48	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.796	149	203887	24.09	ng/ul	98
87) Chrysene	21.984	228	307778	21.95	ng/ul	98
89) Di-n-octyl phthalate	23.083	149	342193	24.48	ng/ul	100
90) Benzo(b)fluoranthene	24.270	252	314854	21.25	ng/ul	99
91) Benzo(k)fluoranthene	24.340	252	294547	21.36	ng/ul	99
93) Benzo(a)pyrene	25.204	252	301972	21.36	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.299	276	335223	21.12	ng/ul	97
95) Dibenzo(a,h)anthracene	29.376	278	291840	21.61	ng/ul	98
96) Benzo(g,h,i)perylene	30.539	276	282343	21.10	ng/ul	98

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

