

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
 Data File : BG050289.D
 Acq On : 28 Sep 2021 17:26
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020516

Manual Integrations
 APPROVED

mohammad
 9/29/2021 12:53:21 PM

Quant Time: Sep 28 18:40:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 27 03:10:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.288	152	39245	20.000	ng/ul	0.00
20) Naphthalene-d8	11.114	136	158286	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.903	164	106818	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.647	188	243656	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.948	240	248487	20.000	ng/ul	# 0.00
88) Perylene-d12	25.385	264	275213	20.000	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	8277	10.199	ng/uL	0.00
4) Pyridine-d5	4.081	84	63824	26.094	ng/ul	-0.02
7) Phenol-d5	7.418	99	68618	22.021	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.600	67	42010	23.228	ng/ul	0.00
11) 2-Chlorophenol-d4	7.812	132	49384	21.805	ng/ul	0.00
15) 4-Methylphenol-d8	8.975	113	51186	20.852	ng/ul	0.00
21) Nitrobenzene-d5	9.451	128	23810	24.350	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.180	143	25645	23.745	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.720	165	49883	19.799	ng/ul	0.00
31) 4-Chloroaniline-d4	11.237	131	68250	20.621	ng/ul	0.00
46) Dimethylphthalate-d6	14.298	166	150061	20.670	ng/ul	0.00
49) Acenaphthylene-d8	14.598	160	192265	21.068	ng/ul	0.00
54) 4-Nitrophenol-d4	15.062	143	26376	21.533	ng/ul	0.00
60) Fluorene-d10	15.890	176	134991	20.309	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.990	200	24639	23.869	ng/ul	0.00
73) Anthracene-d10	17.741	188	215276	20.744	ng/ul	0.00
81) Pyrene-d10	20.015	212	256972	19.101	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.144	264	287010	20.454	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.693	88	11159	10.899	ng/uL	96
5) Pyridine	4.104	79	64304	25.351	ng/ul	97
6) Benzaldehyde	7.418	77	51170	25.872	ng/ul	96
8) Phenol	7.442	94	71182	22.550	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.694	93	53138	22.651	ng/ul	94
12) 2-Chlorophenol	7.841	128	52377	21.944	ng/ul#	84
13) 2-Methylphenol	8.711	108	54038	21.942	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.811	45	76020	24.495	ng/ul#	88
16) Acetophenone	9.110	105	82571	22.020	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.093	70	46531	21.828	ng/ul#	94
18) 4-Methylphenol	9.040	108	55431	22.097	ng/ul	89
19) Hexachloroethane	9.380	117	21948	21.430	ng/ul	94
22) Nitrobenzene	9.498	77	67631	24.107	ng/ul	99
23) Isophorone	10.027	82	123350	20.846	ng/ul#	95
25) 2-Nitrophenol	10.215	139	26815	23.772	ng/ul#	84
26) 2,4-Dimethylphenol	10.256	107	62395	20.686	ng/ul#	84
27) Bis(2-Chloroethoxy)met...	10.503	93	69030	21.370	ng/ul	99
29) 2,4-Dichlorophenol	10.744	162	50749	20.905	ng/ul	99
30) Naphthalene	11.161	128	170489	20.999	ng/ul	98
32) 4-Chloroaniline	11.261	127	69212	20.940	ng/ul	90
33) Hexachlorobutadiene	11.443	225	39435	19.582	ng/ul	93
34) Caprolactam	12.030	113	16216	21.184	ng/ul	85
35) 4-Chloro-3-methylphenol	12.353	107	54832	20.827	ng/ul	97
36) 2-Methylnaphthalene	12.747	142	113557	20.196	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.965	142	115093	20.273	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.106	216	69876	20.778	ng/ul	97
40) Hexachlorocyclopentadiene	13.082	237	48361	20.847	ng/ul	95
41) 2,4,6-Trichlorophenol	13.341	196	43038	21.702	ng/ul	88
42) 2,4,5-Trichlorophenol	13.405	196	46537	21.811	ng/ul	88
43) 1,1'-Biphenyl	13.740	154	153960	21.247	ng/ul#	97
44) 2-Chloronaphthalene	13.787	162	120486	21.015	ng/ul	96
45) 2-Nitroaniline	13.981	65	35254	25.825	ng/ul	99
47) Dimethylphthalate	14.345	163	152725	20.884	ng/ul	99
48) 2,6-Dinitrotoluene	14.469	165	28009	24.195	ng/ul	92
50) Acenaphthylene	14.627	152	196936	21.361	ng/ul	95
51) 3-Nitroaniline	14.798	138	30846	23.831	ng/ul	93
52) Acenaphthene	14.968	153	129044	21.379	ng/ul	94
53) 2,4-Dinitrophenol	14.992	184	16143	22.024	ng/ul#	77
55) 4-Nitrophenol	15.080	109	26942	21.403	ng/ul#	70
56) Dibenzofuran	15.297	168	188287	20.845	ng/ul	95
57) 2,4-Dinitrotoluene	15.244	165	41309	25.180	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.514	232	39371	20.511	ng/ul	89
59) Diethylphthalate	15.702	149	153652	20.437	ng/ul	94
61) Fluorene	15.943	166	146358	20.682	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.932	204	81766	20.526	ng/ul	91
63) 4-Nitroaniline	15.955	138	31891	23.935	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	16.002	198	24137	23.275	ng/ul	95
67) N-Nitrosodiphenylamine	16.143	169	130153	21.125	ng/ul	97
68) 4-Bromophenyl-phenylether	16.831	248	51095	20.224	ng/ul	92
69) Hexachlorobenzene	16.942	284	56950	20.345	ng/ul	98
70) Atrazine	17.083	200	55227	20.316	ng/ul	95
71) Pentachlorophenol	17.283	266	34877	19.527	ng/ul	96
72) Phenanthrene	17.688	178	254639	21.058	ng/ul	95
74) Anthracene	17.777	178	256021	21.258	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.705	216	72904	21.048	ng/ul	91
76) Pentachlorobenzene	15.215	250	70934	21.239	ng/ul	97
77) Carbazole	18.041	167	230503	21.633	ng/ul	98
78) Di-n-butylphthalate	18.587	149	263048	21.411	ng/ul	98
80) Fluoranthene	19.680	202	324575	19.030	ng/ul#	90
82) Pyrene	20.044	202	323308	19.276	ng/ul#	91
83) Butylbenzylphthalate	20.920	149	116943	20.697	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.836	252	119985	22.547	ng/ul#	94
85) Benzo(a)anthracene	21.930	228	317274	21.202	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.819	149	173573	21.521	ng/ul	100
87) Chrysene	21.995	228	306193	21.106	ng/ul	95
89) Di-n-octyl phthalate	23.111	149	301953	22.382	ng/ul	100
90) Benzo(b)fluoranthene	24.287	252	331503	20.578	ng/ul#	98
91) Benzo(k)fluoranthene	24.363	252	316745	20.939	ng/ul#	98
93) Benzo(a)pyrene	25.227	252	316776m	20.702	ng/ul	
94) Indeno(1,2,3-cd)pyrene	29.328	276	361271	20.205	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.410	278	312310	20.265	ng/ul#	98
96) Benzo(g,h,i)perylene	30.567	276	303953	19.868	ng/ul#	91

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

