

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
 Data File : BG051013.D
 Acq On : 13 Nov 2021 00:52
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020552

Quant Time: Nov 15 01:12:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 15 00:27:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	47206	20.000	ng/u1	0.00
20) Naphthalene-d8	11.067	136	215517	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.862	164	140394	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.606	188	295295	20.000	ng/u1	-0.01
79) Chrysene-d12	21.913	240	232002	20.000	ng/u1	0.00
88) Perylene-d12	25.320	264	229444	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	9372	6.408	ng/uL	0.00
4) Pyridine-d5	4.034	84	75532	17.262	ng/u1	-0.03
7) Phenol-d5	7.383	99	86538	17.184	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	55325	17.007	ng/u1	0.00
11) 2-Chlorophenol-d4	7.764	132	65162	18.670	ng/u1	0.00
15) 4-Methylphenol-d8	8.940	113	68978	17.398	ng/u1	0.00
21) Nitrobenzene-d5	9.415	128	33633	18.364	ng/u1	0.00
24) 2-Nitrophenol-d4	10.138	143	38204	18.760	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.679	165	64210	18.718	ng/u1	0.00
31) 4-Chloroaniline-d4	11.196	131	94714	18.232	ng/u1	-0.01
46) Dimethylphthalate-d6	14.257	166	196138	18.261	ng/u1	-0.01
49) Acenaphthylene-d8	14.557	160	255051	19.059	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.056	143	35981	18.475	ng/u1	0.00
60) Fluorene-d10	15.849	176	173246	18.208	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	32283	18.032	ng/u1	-0.01
73) Anthracene-d10	17.706	188	263156	18.849	ng/u1	0.00
81) Pyrene-d10	19.980	212	277759	18.536	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.085	264	224702	17.715	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.634	88	11212	6.979	ng/uL	94
5) Pyridine	4.051	79	78954	17.432	ng/u1	95
6) Benzaldehyde	7.371	77	66544	20.950	ng/u1	94
8) Phenol	7.412	94	90058	17.287	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.647	93	66672	17.098	ng/u1	96
12) 2-Chlorophenol	7.794	128	64154	18.104	ng/u1	95
13) 2-Methylphenol	8.675	108	67424	17.510	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.757	45	101496	16.525	ng/u1	99
16) Acetophenone	9.069	105	108501	17.617	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.045	70	63477	17.082	ng/u1	97
18) 4-Methylphenol	9.004	108	74012	18.052	ng/u1	95
19) Hexachloroethane	9.321	117	26317	17.763	ng/u1	97
22) Nitrobenzene	9.457	77	89807	17.582	ng/u1	99
23) Isophorone	9.985	82	176182	17.772	ng/u1	99
25) 2-Nitrophenol	10.168	139	39419	19.294	ng/u1	96
26) 2,4-Dimethylphenol	10.215	107	82521	18.353	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.450	93	95724	17.921	ng/u1	99
29) 2,4-Dichlorophenol	10.708	162	63059	18.846	ng/u1	97
30) Naphthalene	11.114	128	219046	18.587	ng/u1	98
32) 4-Chloroaniline	11.225	127	93025	18.034	ng/u1	98
33) Hexachlorobutadiene	11.384	225	40456	18.421	ng/u1	98
34) Caprolactam	12.036	113	24881	17.515	ng/u1	94
35) 4-Chloro-3-methylphenol	12.324	107	76405	17.875	ng/u1	95
36) 2-Methylnaphthalene	12.706	142	147999	18.434	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.923	142	150788	18.535	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.064	216	78917	19.292	ng/ul	98
40) Hexachlorocyclopentadiene	13.035	237	38288	19.491	ng/ul	95
41) 2,4,6-Trichlorophenol	13.299	196	54813	20.477	ng/ul	99
42) 2,4,5-Trichlorophenol	13.376	196	57583	20.037	ng/ul	96
43) 1,1'-Biphenyl	13.693	154	195879	19.088	ng/ul	99
44) 2-Chloronaphthalene	13.746	162	154149	19.169	ng/ul	98
45) 2-Nitroaniline	13.945	65	58083	18.180	ng/ul	95
47) Dimethylphthalate	14.304	163	196848	18.329	ng/ul	98
48) 2,6-Dinitrotoluene	14.433	165	41880	18.631	ng/ul	93
50) Acenaphthylene	14.586	152	251003	18.715	ng/ul	98
51) 3-Nitroaniline	14.768	138	45104	19.401	ng/ul	91
52) Acenaphthene	14.927	153	166277	18.855	ng/ul	97
53) 2,4-Dinitrophenol	14.980	184	23246	18.746	ng/ul	91
55) 4-Nitrophenol	15.068	109	32090	17.966	ng/ul	97
56) Dibenzofuran	15.256	168	233458	18.494	ng/ul	99
57) 2,4-Dinitrotoluene	15.220	165	58651	18.283	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.485	232	46042	20.387	ng/ul	97
59) Diethylphthalate	15.655	149	204588	17.796	ng/ul	99
61) Fluorene	15.908	166	183649	18.381	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.890	204	95569	18.369	ng/ul	96
63) 4-Nitroaniline	15.926	138	44947	19.488	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.984	198	31985	18.320	ng/ul	100
67) N-Nitrosodiphenylamine	16.102	169	162938	19.740	ng/ul	99
68) 4-Bromophenyl-phenylether	16.783	248	58161	19.800	ng/ul	95
69) Hexachlorobenzene	16.907	284	58820	19.478	ng/ul	98
70) Atrazine	17.048	200	63088	18.024	ng/ul	99
71) Pentachlorophenol	17.253	266	32157	23.195	ng/ul	97
72) Phenanthrene	17.653	178	295852	18.769	ng/ul	99
74) Anthracene	17.741	178	295456	18.681	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.669	216	84527	21.023	ng/uL	96
76) Pentachlorobenzene	15.173	250	75579	20.287	ng/uL	98
77) Carbazole	18.011	167	269130	18.985	ng/ul	98
78) Di-n-butylphthalate	18.540	149	342433	18.384	ng/ul	99
80) Fluoranthene	19.651	202	335970	18.682	ng/ul	99
82) Pyrene	20.009	202	329728	18.765	ng/ul	99
83) Butylbenzylphthalate	20.873	149	139300	18.435	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.795	252	110220	19.508	ng/ul	99
85) Benzo(a)anthracene	21.889	228	292178	18.191	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.754	149	194576	17.939	ng/ul	98
87) Chrysene	21.960	228	280818	18.303	ng/ul	99
89) Di-n-octyl phthalate	23.023	149	330890	17.714	ng/ul	100
90) Benzo(b)fluoranthene	24.228	252	283492	17.344	ng/ul	99
91) Benzo(k)fluoranthene	24.298	252	273040	17.801	ng/ul	99
93) Benzo(a)pyrene	25.162	252	275657	17.707	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.251	276	308983	17.829	ng/ul	95
95) Dibenzo(a,h)anthracene	29.310	278	261860	17.858	ng/ul	97
96) Benzo(g,h,i)perylene	30.485	276	254685	17.557	ng/ul	97

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

