

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021822\
 Data File : BG052428.D
 Acq On : 18 Feb 2022 18:49
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020525

Quant Time: Feb 18 22:38:02 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	29199	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.061	136	124989	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.867	164	89750	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.617	188	228044	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.934	240	234614	20.000	ng/u1	#-0.01
88) Perylene-d12	25.400	264	241045	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.547	96	6544	9.042	ng/uL	-0.02
4) Pyridine-d5	3.970	84	48391	21.496	ng/u1	-0.02
7) Phenol-d5	7.366	99	54093	20.367	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.530	67	32741	20.291	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.754	132	38400	20.748	ng/u1	-0.01
15) 4-Methylphenol-d8	8.928	113	44064	21.863	ng/u1	-0.01
21) Nitrobenzene-d5	9.393	128	21162	20.794	ng/u1	-0.02
24) 2-Nitrophenol-d4	10.127	143	23960	21.545	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.679	165	44000	20.295	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.190	131	64955	23.620	ng/u1	-0.01
46) Dimethylphthalate-d6	14.257	166	152355	21.596	ng/u1	-0.01
49) Acenaphthylene-d8	14.562	160	189552	21.557	ng/u1	-0.02
54) 4-Nitrophenol-d4	15.055	143	23373	21.876	ng/u1	0.00
60) Fluorene-d10	15.854	176	135318	21.894	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.972	200	27147	19.282	ng/u1	-0.01
73) Anthracene-d10	17.717	188	224574	20.889	ng/u1	-0.01
81) Pyrene-d10	19.996	212	287637	20.456	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.159	264	270063	21.089	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.583	88	6433	7.974	ng/uL#	86
5) Pyridine	3.994	79	50123	21.261	ng/u1	91
6) Benzaldehyde	7.348	77	27181	18.052	ng/u1	96
8) Phenol	7.395	94	55322	20.784	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.624	93	41735	20.749	ng/u1	95
12) 2-Chlorophenol	7.783	128	39605	20.730	ng/u1	99
13) 2-Methylphenol	8.664	108	41892	20.913	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.752	45	57615	20.055	ng/u1	98
16) Acetophenone	9.046	105	68053	21.773	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.028	70	39377	21.003	ng/u1	93
18) 4-Methylphenol	8.993	108	44196	20.942	ng/u1	91
19) Hexachloroethane	9.328	117	16120	19.592	ng/u1#	79
22) Nitrobenzene	9.440	77	57647	20.309	ng/u1#	97
23) Isophorone	9.962	82	108980	20.749	ng/u1	96
25) 2-Nitrophenol	10.162	139	25857	21.268	ng/u1	95
26) 2,4-Dimethylphenol	10.209	107	51921	20.712	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.444	93	58657	20.823	ng/u1	98
29) 2,4-Dichlorophenol	10.703	162	43184	20.606	ng/u1	94
30) Naphthalene	11.114	128	140030	20.490	ng/u1	98
32) 4-Chloroaniline	11.214	127	65986	23.273	ng/u1	99
33) Hexachlorobutadiene	11.402	225	33667	19.694	ng/u1	97
34) Caprolactam	11.954	113	15667	23.050	ng/u1	94
35) 4-Chloro-3-methylphenol	12.330	107	49428	21.866	ng/u1	96
36) 2-Methylnaphthalene	12.706	142	101360	21.135	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.929	142	104783	21.238	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	13.070	216	62960	19.489	ng/ul	99
40) Hexachlorocyclopentadiene	13.052	237	31763	17.223	ng/ul	93
41) 2,4,6-Trichlorophenol	13.311	196	37952	19.675	ng/ul	95
42) 2,4,5-Trichlorophenol	13.381	196	40044	19.275	ng/ul	95
43) 1,1'-Biphenyl	13.698	154	144202	20.495	ng/ul	96
44) 2-Chloronaphthalene	13.751	162	110188	20.468	ng/ul	98
45) 2-Nitroaniline	13.945	65	37406	20.636	ng/ul	94
47) Dimethylphthalate	14.304	163	145317	21.252	ng/ul	99
48) 2,6-Dinitrotoluene	14.427	165	31438	21.312	ng/ul	88
50) Acenaphthylene	14.591	152	182893	20.751	ng/ul	98
51) 3-Nitroaniline	14.762	138	22641	17.935	ng/ul#	96
52) Acenaphthene	14.932	153	121300	20.994	ng/ul	94
53) 2,4-Dinitrophenol	14.973	184	12853	16.779	ng/ul#	84
55) 4-Nitrophenol	15.067	109	22733	20.299	ng/ul	87
56) Dibenzofuran	15.267	168	174993	20.918	ng/ul	97
57) 2,4-Dinitrotoluene	15.220	165	47156	22.299	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.490	232	36337	19.981	ng/ul	92
59) Diethylphthalate	15.661	149	151615	21.867	ng/ul	98
61) Fluorene	15.913	166	146784	21.144	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.895	204	80331	21.041	ng/ul	96
63) 4-Nitroaniline	15.919	138	17728	14.473	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.984	198	26831	20.010	ng/ul#	90
67) N-Nitrosodiphenylamine	16.107	169	129732	20.751	ng/ul	96
68) 4-Bromophenyl-phenylether	16.794	248	54858	19.928	ng/ul#	87
69) Hexachlorobenzene	16.924	284	63501	20.525	ng/ul#	89
70) Atrazine	17.047	200	57504	20.848	ng/ul	97
71) Pentachlorophenol	17.270	266	25622	17.272	ng/ul	92
72) Phenanthrene	17.658	178	249522	20.770	ng/ul	98
74) Anthracene	17.752	178	248697	20.974	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.675	216	67852	17.822	ng/ul	93
76) Pentachlorobenzene	15.191	250	71003	20.216	ng/ul	98
77) Carbazole	18.016	167	228108	22.072	ng/ul	98
78) Di-n-butylphthalate	18.557	149	267983	21.619	ng/ul	99
80) Fluoranthene	19.667	202	334330	20.191	ng/ul#	90
82) Pyrene	20.025	202	327187	20.184	ng/ul#	90
83) Butylbenzylphthalate	20.895	149	119135	21.009	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.811	252	103894	20.681	ng/ul#	97
85) Benzo(a)anthracene	21.911	228	328667	20.828	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.788	149	163614	20.129	ng/ul#	100
87) Chrysene	21.981	228	315317	21.149	ng/ul	98
89) Di-n-octyl phthalate	23.080	149	281196	20.562	ng/ul	100
90) Benzo(b)fluoranthene	24.290	252	337697	20.203	ng/ul#	96
91) Benzo(k)fluoranthene	24.360	252	321978	21.054	ng/ul#	96
93) Benzo(a)pyrene	25.236	252	319385	20.488	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.395	276	372210	21.434	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.465	278	314179	21.820	ng/ul#	92
96) Benzo(g,h,i)perylene	30.646	276	310018	20.973	ng/ul#	91

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

