

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021822\
 Data File : BG052420.D
 Acq On : 18 Feb 2022 9:36
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020523

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/18/2022
 Supervised By :Yogesh Patel 02/22/2022

Quant Time: Feb 18 12:14:25 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	8.229	152	27943	20.000	ng/u1	0.00
20) Naphthalene-d8	11.066	136	117594	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.873	164	86369	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.622	188	218785	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.940	240	218806	20.000	ng/u1	# 0.00
88) Perylene-d12	25.405	264	227358	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.547	96	6407	9.250	ng/uL	-0.02
4) Pyridine-d5	3.976	84	45443	21.094	ng/u1	-0.01
7) Phenol-d5	7.377	99	52371	20.605	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.535	67	32693	21.172	ng/u1	0.00
11) 2-Chlorophenol-d4	7.759	132	36806	20.781	ng/u1	0.00
15) 4-Methylphenol-d8	8.939	113	42333	21.948	ng/u1	0.00
21) Nitrobenzene-d5	9.404	128	20035	20.924	ng/u1	0.00
24) 2-Nitrophenol-d4	10.138	143	22209	21.227	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.684	165	43883	21.514	ng/u1	0.00
31) 4-Chloroaniline-d4	11.195	131	62188	24.036	ng/u1	0.00
46) Dimethylphthalate-d6	14.262	166	146917	21.641	ng/u1	0.00
49) Acenaphthylene-d8	14.567	160	180561	21.338	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.061	143	22150	21.543	ng/u1	0.00
60) Fluorene-d10	15.865	176	131502	22.110	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.977	200	25950	19.212	ng/u1	0.00
73) Anthracene-d10	17.722	188	221357	21.461	ng/u1	0.00
81) Pyrene-d10	20.001	212	274794	20.955	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.165	264	254855	21.100	ng/u1	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.588	88	6320	8.186	ng/uL	93
5) Pyridine	3.999	79	48854	21.654	ng/u1	96
6) Benzaldehyde	7.353	77	25221	17.503	ng/u1#	87
8) Phenol	7.400	94	54276	21.308	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.629	93	39970	20.765	ng/u1	99
12) 2-Chlorophenol	7.794	128	37765	20.655	ng/u1	94
13) 2-Methylphenol	8.669	108	39468	20.589	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.752	45	56021	20.377	ng/u1#	94
16) Acetophenone	9.057	105	63807	21.332	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.033	70	38506	21.461	ng/u1	98
18) 4-Methylphenol	8.998	108	42668	21.127	ng/u1	96
19) Hexachloroethane	9.333	117	16009	20.332	ng/u1#	77
22) Nitrobenzene	9.445	77	54372	20.359	ng/u1	94
23) Isophorone	9.973	82	103460	20.936	ng/u1	98
25) 2-Nitrophenol	10.173	139	23014	20.120	ng/u1	96
26) 2,4-Dimethylphenol	10.220	107	50160	21.268	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.449	93	55300	20.866	ng/u1	99
29) 2,4-Dichlorophenol	10.714	162	41429	21.012	ng/u1	96
30) Naphthalene	11.119	128	133014	20.687	ng/u1	99
32) 4-Chloroaniline	11.219	127	63299	23.730	ng/u1	95
33) Hexachlorobutadiene	11.407	225	31502	19.586	ng/u1	97
34) Caprolactam	11.965	113	15387	24.061	ng/u1	87
35) 4-Chloro-3-methylphenol	12.335	107	46389	21.813	ng/u1	94
36) 2-Methylnaphthalene	12.717	142	97464	21.601	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.934	142	101410	21.847	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	13.081	216	62600	20.136	ng/ul	98
40) Hexachlorocyclopentadiene	13.057	237	31343	17.660	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.310	196	35512	19.131	ng/ul	97
42) 2,4,5-Trichlorophenol	13.392	196	39884	19.949	ng/ul	91
43) 1,1'-Biphenyl	13.709	154	139193	20.557	ng/ul#	96
44) 2-Chloronaphthalene	13.756	162	106361	20.530	ng/ul	98
45) 2-Nitroaniline	13.950	65	35323	20.250	ng/ul#	83
47) Dimethylphthalate	14.309	163	136448	20.736	ng/ul#	98
48) 2,6-Dinitrotoluene	14.432	165	30922	21.783	ng/ul	88
50) Acenaphthylene	14.597	152	179986	21.221	ng/ul	98
51) 3-Nitroaniline	14.767	138	22607	18.609	ng/ul	96
52) Acenaphthene	14.937	153	116841	21.014	ng/ul	97
53) 2,4-Dinitrophenol	14.978	184	12174	16.515	ng/ul#	82
55) 4-Nitrophenol	15.072	109	22411	20.795	ng/ul	93
56) Dibenzofuran	15.272	168	170780	21.214	ng/ul	94
57) 2,4-Dinitrotoluene	15.225	165	44306	21.772	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.495	232	37415	21.379	ng/ul#	88
59) Diethylphthalate	15.666	149	143333	21.482	ng/ul	98
61) Fluorene	15.918	166	141700	21.211	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.901	204	78013	21.233	ng/ul	94
63) 4-Nitroaniline	15.924	138	17289	14.667	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.989	198	25317	19.680	ng/ul#	94
67) N-Nitrosodiphenylamine	16.112	169	124519	20.760	ng/ul	96
68) 4-Bromophenyl-phenylether	16.799	248	54276	20.550	ng/ul#	87
69) Hexachlorobenzene	16.935	284	59743	20.128	ng/ul#	87
70) Atrazine	17.052	200	56192	21.235	ng/ul	99
71) Pentachlorophenol	17.275	266	24653	17.322	ng/ul	97
72) Phenanthrene	17.663	178	242913	21.075	ng/ul	99
74) Anthracene	17.757	178	244785	21.518	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.680	216	65118	17.828	ng/ul	97
76) Pentachlorobenzene	15.196	250	68411	20.302	ng/ul	98
77) Carbazole	18.021	167	222173	22.407	ng/ul	98
78) Di-n-butylphthalate	18.562	149	258424	21.730	ng/ul	99
80) Fluoranthene	19.666	202	323552	20.952	ng/ul#	91
82) Pyrene	20.030	202	314408	20.797	ng/ul#	90
83) Butylbenzylphthalate	20.894	149	110083	20.815	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.816	252	96319	20.558	ng/ul#	97
85) Benzo(a)anthracene	21.916	228	309378	21.022	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.793	149	153885	20.299	ng/ul#	97
87) Chrysene	21.987	228	290860	20.918	ng/ul	97
89) Di-n-octyl phthalate	23.085	149	264184	20.481	ng/ul	100
90) Benzo(b)fluoranthene	24.301	252	328478	20.835	ng/ul#	95
91) Benzo(k)fluoranthene	24.372	252	298000	20.659	ng/ul#	96
93) Benzo(a)pyrene	25.247	252	302250	20.556	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.400	276	355840m	21.725	ng/ul	
95) Dibenzo(a,h)anthracene	29.476	278	295123	21.731	ng/ul#	94
96) Benzo(g,h,i)perylene	30.663	276	297300m	21.323	ng/ul	

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

