

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021522\
 Data File : BG052396.D
 Acq On : 15 Feb 2022 17:25
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020521

Quant Time: Feb 15 21:16:11 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/16/2022
 Supervised By :Jagrut Upadhyay 02/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	27305	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.058	136	110620	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.864	164	82520	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.613	188	207603	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.931	240	218138	20.000	ng/u1	#-0.01
88) Perylene-d12	25.391	264	220234	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.544	96	5881	8.689	ng/uL	-0.02
4) Pyridine-d5	3.973	84	41187	19.565	ng/u1	-0.01
7) Phenol-d5	7.368	99	49998	20.131	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.527	67	29387	19.476	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.750	132	36043	20.826	ng/u1	-0.01
15) 4-Methylphenol-d8	8.931	113	40469	21.472	ng/u1	0.00
21) Nitrobenzene-d5	9.395	128	20072	22.285	ng/u1	-0.01
24) 2-Nitrophenol-d4	10.129	143	22352	22.710	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.676	165	42272	22.031	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.187	131	60477	24.848	ng/u1	-0.01
46) Dimethylphthalate-d6	14.259	166	141243	21.775	ng/u1	0.00
49) Acenaphthylene-d8	14.565	160	176635	21.848	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.052	143	22952	23.364	ng/u1	0.00
60) Fluorene-d10	15.857	176	125426	22.072	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.969	200	25938	20.238	ng/u1	-0.01
73) Anthracene-d10	17.713	188	209777	21.434	ng/u1	-0.01
81) Pyrene-d10	19.992	212	266424	20.379	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.150	264	244502	20.897	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.585	88	5973	7.917	ng/uL	95
5) Pyridine	3.991	79	43988	19.953	ng/u1	92
6) Benzaldehyde	7.345	77	24834	17.637	ng/u1	95
8) Phenol	7.392	94	49375	19.837	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.621	93	38512	20.475	ng/u1	95
12) 2-Chlorophenol	7.785	128	36936	20.674	ng/u1	92
13) 2-Methylphenol	8.661	108	37824	20.192	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.743	45	52754m	19.637	ng/u1	
16) Acetophenone	9.048	105	61960	21.199	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.025	70	36434	20.781	ng/u1	96
18) 4-Methylphenol	8.996	108	42892	21.734	ng/u1	85
19) Hexachloroethane	9.325	117	14664	19.059	ng/u1#	80
22) Nitrobenzene	9.436	77	53409	21.260	ng/u1	96
23) Isophorone	9.959	82	101470	21.828	ng/u1	99
25) 2-Nitrophenol	10.159	139	22731	21.125	ng/u1	96
26) 2,4-Dimethylphenol	10.212	107	49625	22.367	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.441	93	54665	21.927	ng/u1	96
29) 2,4-Dichlorophenol	10.699	162	40494	21.832	ng/u1	97
30) Naphthalene	11.110	128	128997	21.327	ng/u1	97
32) 4-Chloroaniline	11.210	127	59948	23.890	ng/u1	99
33) Hexachlorobutadiene	11.398	225	30956	20.460	ng/u1#	89
34) Caprolactam	11.950	113	14669	24.385	ng/u1	84
35) 4-Chloro-3-methylphenol	12.326	107	45131	22.559	ng/u1	91
36) 2-Methylnaphthalene	12.708	142	93467	22.021	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.926	142	98378	22.530	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.072	216	59467	20.021	ng/ul	95
40) Hexachlorocyclopentadiene	13.049	237	28383	16.738	ng/ul	97
41) 2,4,6-Trichlorophenol	13.307	196	35767	20.167	ng/ul	93
42) 2,4,5-Trichlorophenol	13.384	196	38961	20.396	ng/ul	95
43) 1,1'-Biphenyl	13.701	154	132909	20.545	ng/ul#	97
44) 2-Chloronaphthalene	13.748	162	101209	20.447	ng/ul	98
45) 2-Nitroaniline	13.936	65	34656	20.794	ng/ul	94
47) Dimethylphthalate	14.306	163	133833	21.287	ng/ul	99
48) 2,6-Dinitrotoluene	14.429	165	30824	22.726	ng/ul	88
50) Acenaphthylene	14.588	152	174038	21.477	ng/ul	96
51) 3-Nitroaniline	14.758	138	21712	18.706	ng/ul	97
52) Acenaphthene	14.929	153	112559	21.188	ng/ul	98
53) 2,4-Dinitrophenol	14.970	184	12500	17.748	ng/ul#	87
55) 4-Nitrophenol	15.070	109	21121	20.512	ng/ul	95
56) Dibenzofuran	15.264	168	162478	21.124	ng/ul	98
57) 2,4-Dinitrotoluene	15.217	165	43039	22.136	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.493	232	34469	20.614	ng/ul#	87
59) Diethylphthalate	15.663	149	138672	21.752	ng/ul	96
61) Fluorene	15.910	166	138160	21.646	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.898	204	73537	20.949	ng/ul	92
63) 4-Nitroaniline	15.922	138	16484	14.636	ng/ul#	88
66) 4,6-Dinitro-2-methylph...	15.986	198	24004	19.665	ng/ul	93
67) N-Nitrosodiphenylamine	16.110	169	119538	21.003	ng/ul	93
68) 4-Bromophenyl-phenylether	16.791	248	51272	20.459	ng/ul#	85
69) Hexachlorobenzene	16.926	284	58482	20.764	ng/ul#	88
70) Atrazine	17.044	200	54547	21.724	ng/ul	96
71) Pentachlorophenol	17.267	266	25462	18.854	ng/ul	90
72) Phenanthrene	17.654	178	231862	21.200	ng/ul	99
74) Anthracene	17.748	178	231612	21.457	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.672	216	64179	18.517	ng/ul	98
76) Pentachlorobenzene	15.187	250	64644	20.218	ng/ul	95
77) Carbazole	18.013	167	211526	22.483	ng/ul	97
78) Di-n-butylphthalate	18.553	149	248664	22.036	ng/ul	99
80) Fluoranthene	19.658	202	309884	20.128	ng/ul#	93
82) Pyrene	20.022	202	303437	20.133	ng/ul#	90
83) Butylbenzylphthalate	20.891	149	110151	20.892	ng/ul#	89
84) 3,3'-Dichlorobenzidine	21.808	252	93312	19.977	ng/ul#	96
85) Benzo(a)anthracene	21.908	228	302703	20.632	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.784	149	152652	20.199	ng/ul#	97
87) Chrysene	21.978	228	288995	20.847	ng/ul	98
89) Di-n-octyl phthalate	23.077	149	259127	20.739	ng/ul	100
90) Benzo(b)fluoranthene	24.287	252	316598	20.731	ng/ul#	95
91) Benzo(k)fluoranthene	24.357	252	289141	20.694	ng/ul#	96
93) Benzo(a)pyrene	25.232	252	293621	20.615	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.380	276	340751	21.477	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.450	278	290928	22.115	ng/ul#	92
96) Benzo(g,h,i)perylene	30.643	276	283805m	21.014	ng/ul	

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