

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051649.D
 Acq On : 19 Dec 2021 4:19
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020598

Quant Time: Dec 20 00:05:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	38010	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.112	136	154797	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.907	164	110008	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.656	188	265675	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.980	240	248256	20.000	ng/u1	# 0.00
88) Perylene-d12	25.469	264	256559	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	7690	8.402	ng/uL	0.00
4) Pyridine-d5	4.027	84	62522	22.609	ng/u1	-0.02
7) Phenol-d5	7.405	99	71973	21.207	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.576	67	44467	22.040	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.799	132	50403	21.354	ng/u1	-0.01
15) 4-Methylphenol-d8	8.968	113	56728	21.624	ng/u1	-0.01
21) Nitrobenzene-d5	9.438	128	26533	23.379	ng/u1	-0.02
24) 2-Nitrophenol-d4	10.178	143	29395	23.693	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.718	165	58512	21.748	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.235	131	74008	20.893	ng/u1	0.00
46) Dimethylphthalate-d6	14.302	166	183196	20.806	ng/u1	-0.01
49) Acenaphthylene-d8	14.601	160	232500	21.261	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.065	143	29310	20.470	ng/u1	-0.01
60) Fluorene-d10	15.900	176	163934	20.781	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.999	200	30124	21.763	ng/u1	-0.01
73) Anthracene-d10	17.756	188	264689	20.885	ng/u1	0.00
81) Pyrene-d10	20.029	212	312097	20.888	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.234	264	286580	21.229	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.634	88	7619	7.976	ng/uL	90
5) Pyridine	4.045	79	61762	22.263	ng/u1	98
6) Benzaldehyde	7.394	77	51479	24.312	ng/u1	87
8) Phenol	7.435	94	74579	22.100	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.670	93	53286	20.698	ng/u1	96
12) 2-Chlorophenol	7.828	128	51901	21.436	ng/u1	97
13) 2-Methylphenol	8.703	108	53348	20.952	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.797	45	73061	20.921	ng/u1	97
16) Acetophenone	9.097	105	86622	21.021	ng/u1	93
17) N-Nitroso-di-n-propyla...	9.079	70	51866	20.977	ng/u1	97
18) 4-Methylphenol	9.032	108	57647	21.481	ng/u1	92
19) Hexachloroethane	9.379	117	20794	19.683	ng/u1#	70
22) Nitrobenzene	9.485	77	74960	22.708	ng/u1	97
23) Isophorone	10.008	82	139322	21.023	ng/u1	100
25) 2-Nitrophenol	10.207	139	31290	23.595	ng/u1	96
26) 2,4-Dimethylphenol	10.254	107	67723	21.195	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.489	93	75062	21.330	ng/u1	96
29) 2,4-Dichlorophenol	10.742	162	56958	22.250	ng/u1	98
30) Naphthalene	11.165	128	175309	21.021	ng/u1	98
32) 4-Chloroaniline	11.253	127	76198	21.066	ng/u1	100
33) Hexachlorobutadiene	11.453	225	42226	19.429	ng/u1	89
34) Caprolactam	11.993	113	18691m	24.117	ng/u1	
35) 4-Chloro-3-methylphenol	12.357	107	63446	22.120	ng/u1	91
36) 2-Methylnaphthalene	12.751	142	126306	21.229	ng/u1	95

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37) 1-Methylnaphthalene	12.968	142	127664	20.665	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.115	216	81716	21.356	ng/ul	97
40) Hexachlorocyclopentadiene	13.103	237	54505	19.618	ng/ul	98
41) 2,4,6-Trichlorophenol	13.344	196	52968	22.867	ng/ul	100
42) 2,4,5-Trichlorophenol	13.415	196	56909	23.442	ng/ul	98
43) 1,1'-Biphenyl	13.744	154	175701	20.851	ng/ul#	95
44) 2-Chloronaphthalene	13.791	162	140511	21.568	ng/ul	96
45) 2-Nitroaniline	13.979	65	48018	24.127	ng/ul	92
47) Dimethylphthalate	14.343	163	176414	20.637	ng/ul	99
48) 2,6-Dinitrotoluene	14.466	165	38406	23.502	ng/ul	85
50) Acenaphthylene	14.631	152	226543	21.174	ng/ul	96
51) 3-Nitroaniline	14.789	138	37752	24.160	ng/ul	98
52) Acenaphthene	14.971	153	147917	20.927	ng/ul	97
53) 2,4-Dinitrophenol	15.001	184	25065	26.534	ng/ul#	86
55) 4-Nitrophenol	15.083	109	31509	20.511	ng/ul	84
56) Dibenzofuran	15.306	168	216534	20.802	ng/ul	96
57) 2,4-Dinitrotoluene	15.248	165	53695	23.183	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.524	232	50661	21.958	ng/ul#	86
59) Diethylphthalate	15.706	149	178717	20.069	ng/ul	99
61) Fluorene	15.953	166	175799	20.497	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.941	204	96267	20.151	ng/ul	91
63) 4-Nitroaniline	15.953	138	38087	23.766	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.017	198	28096	20.668	ng/ul#	95
67) N-Nitrosodiphenylamine	16.146	169	152675	21.365	ng/ul	95
68) 4-Bromophenyl-phenylether	16.834	248	67047	24.780	ng/ul#	85
69) Hexachlorobenzene	16.963	284	73480	21.612	ng/ul#	90
70) Atrazine	17.086	200	65081	20.296	ng/ul	97
71) Pentachlorophenol	17.298	266	46700	22.418	ng/ul	98
72) Phenanthrene	17.697	178	282350	20.662	ng/ul	98
74) Anthracene	17.791	178	285854	20.707	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.714	216	90733	22.199	ng/ul	98
76) Pentachlorobenzene	15.230	250	86823	22.221	ng/ul	98
77) Carbazole	18.050	167	256594	20.757	ng/ul	97
78) Di-n-butylphthalate	18.602	149	302635	20.343	ng/ul	99
80) Fluoranthene	19.700	202	362287	21.124	ng/ul#	90
82) Pyrene	20.059	202	355378	20.938	ng/ul#	89
83) Butylbenzylphthalate	20.934	149	127195	22.347	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.856	252	131201	22.424	ng/ul#	94
85) Benzo(a)anthracene	21.956	228	342393	21.199	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.845	149	180928	22.693	ng/ul#	100
87) Chrysene	22.027	228	333568	21.377	ng/ul	99
89) Di-n-octyl phthalate	23.155	149	304681	22.048	ng/ul	100
90) Benzo(b)fluoranthene	24.359	252	365891	21.292	ng/ul#	95
91) Benzo(k)fluoranthene	24.429	252	326462	20.286	ng/ul#	94
93) Benzo(a)pyrene	25.310	252	339116	20.909	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.499	276	382978	21.630	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.575	278	328431	21.718	ng/ul#	94
96) Benzo(g,h,i)perylene	30.762	276	315487	21.026	ng/ul#	88

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

