

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
 Data File : BG051701.D
 Acq On : 21 Dec 2021 4:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020454

Quant Time: Dec 21 05:57:39 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 12/21/2021
 Supervised By :mohammad ahmed 12/28/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	42458	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.107	136	191177	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.908	164	137508	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	322802	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.975	240	298196	20.000	ng/ul	#-0.01
88) Perylene-d12	25.470	264	303091	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.594	96	8208	8.029	ng/uL	-0.01
4) Pyridine-d5	4.022	84	70049	22.677	ng/ul	-0.02
7) Phenol-d5	7.406	99	88707	23.400	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.576	67	50590	22.448	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.794	132	61148	23.192	ng/ul	-0.02
15) 4-Methylphenol-d8	8.969	113	68675	23.436	ng/ul	-0.01
21) Nitrobenzene-d5	9.439	128	32595	23.255	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.173	143	36127	23.578	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.713	165	73669	22.171	ng/ul	-0.02
31) 4-Chloroaniline-d4	11.230	131	90731	20.740	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	226655	20.594	ng/ul	-0.02
49) Acenaphthylene-d8	14.602	160	284974	20.848	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.072	143	34330m	19.181	ng/ul	0.00
60) Fluorene-d10	15.895	176	204465	20.735	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.000	200	32895	19.559	ng/ul	-0.01
73) Anthracene-d10	17.757	188	318191	20.664	ng/ul	0.00
81) Pyrene-d10	20.030	212	369511	20.589	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.229	264	339222	21.271	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.635	88	8943m	8.382	ng/uL	
5) Pyridine	4.046	79	71441	23.054	ng/ul	97
6) Benzaldehyde	7.388	77	59210m	25.034	ng/ul	
8) Phenol	7.430	94	87474	23.206	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.670	93	65293	22.704	ng/ul	98
12) 2-Chlorophenol	7.829	128	62336	23.048	ng/ul	99
13) 2-Methylphenol	8.704	108	66948	23.539	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.804	45	89012	22.819	ng/ul#	96
16) Acetophenone	9.098	105	106175	23.067	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.074	70	62607	22.668	ng/ul	96
18) 4-Methylphenol	9.033	108	69933	23.329	ng/ul	96
19) Hexachloroethane	9.374	117	24537	20.792	ng/ul	87
22) Nitrobenzene	9.480	77	90808	22.274	ng/ul#	97
23) Isophorone	10.008	82	172613	21.090	ng/ul	95
25) 2-Nitrophenol	10.202	139	38310	23.391	ng/ul	96
26) 2,4-Dimethylphenol	10.255	107	84104	21.313	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.490	93	91120	20.966	ng/ul	98
29) 2,4-Dichlorophenol	10.743	162	69887	22.106	ng/ul	97
30) Naphthalene	11.160	128	211448	20.529	ng/ul	98
32) 4-Chloroaniline	11.254	127	94253	21.099	ng/ul	98
33) Hexachlorobutadiene	11.448	225	54186	20.188	ng/ul	98
34) Caprolactam	11.994	113	23522	24.575	ng/ul	98
35) 4-Chloro-3-methylphenol	12.358	107	79507	22.444	ng/ul	94
36) 2-Methylnaphthalene	12.752	142	154847	21.073	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.969	142	158685	20.799	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.116	216	100130	20.935	ng/ul	98
40) Hexachlorocyclopentadiene	13.098	237	60667	17.469	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.345	196	64432	22.253	ng/ul	96
42) 2,4,5-Trichlorophenol	13.416	196	67490	22.241	ng/ul	94
43) 1,1'-Biphenyl	13.745	154	219470	20.836	ng/ul#	93
44) 2-Chloronaphthalene	13.792	162	170002	20.876	ng/ul	98
45) 2-Nitroaniline	13.980	65	59824	24.048	ng/ul	93
47) Dimethylphthalate	14.344	163	218541	20.453	ng/ul	99
48) 2,6-Dinitrotoluene	14.467	165	46338	22.685	ng/ul	91
50) Acenaphthylene	14.632	152	276708	20.690	ng/ul	97
51) 3-Nitroaniline	14.790	138	45135	23.108	ng/ul	96
52) Acenaphthene	14.972	153	181349	20.526	ng/ul	94
53) 2,4-Dinitrophenol	14.996	184	23197	19.645	ng/ul#	68
55) 4-Nitrophenol	15.090	109	36082	18.790	ng/ul	82
56) Dibenzofuran	15.301	168	264507	20.329	ng/ul	98
57) 2,4-Dinitrotoluene	15.248	165	67747	23.400	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.524	232	58940	20.437	ng/ul	91
59) Diethylphthalate	15.701	149	222889	20.024	ng/ul	98
61) Fluorene	15.953	166	216664	20.209	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.936	204	119983	20.093	ng/ul	93
63) 4-Nitroaniline	15.953	138	42945	21.438	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.012	198	31885	19.304	ng/ul	98
67) N-Nitrosodiphenylamine	16.147	169	187013	21.539	ng/ul	98
68) 4-Bromophenyl-phenylether	16.834	248	81608	24.824	ng/ul#	88
69) Hexachlorobenzene	16.964	284	91131	22.060	ng/ul#	90
70) Atrazine	17.087	200	80668	20.705	ng/ul	95
71) Pentachlorophenol	17.299	266	48810m	19.284	ng/ul	
72) Phenanthrene	17.698	178	341074	20.543	ng/ul	97
74) Anthracene	17.792	178	344147	20.518	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.715	216	109536	22.057	ng/uL	93
76) Pentachlorobenzene	15.231	250	105819	22.290	ng/uL	99
77) Carbazole	18.050	167	309232	20.588	ng/ul	98
78) Di-n-butylphthalate	18.597	149	367414	20.326	ng/ul	99
80) Fluoranthene	19.695	202	431081	20.926	ng/ul#	92
82) Pyrene	20.060	202	418233	20.515	ng/ul#	90
83) Butylbenzylphthalate	20.929	149	152385	22.289	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.857	252	152900	21.757	ng/ul#	97
85) Benzo(a)anthracene	21.957	228	418889	21.591	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.839	149	217019	22.661	ng/ul#	99
87) Chrysene	22.027	228	386302	20.611	ng/ul	99
89) Di-n-octyl phthalate	23.155	149	357864	21.921	ng/ul	100
90) Benzo(b)fluoranthene	24.354	252	421611	20.767	ng/ul#	95
91) Benzo(k)fluoranthene	24.430	252	404611	21.282	ng/ul#	96
93) Benzo(a)pyrene	25.305	252	396314	20.685	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.500	276	435069	20.799	ng/ul#	88
95) Dibenzo(a,h)anthracene	29.570	278	363035	20.320	ng/ul#	95
96) Benzo(g,h,i)perylene	30.769	276	346481	19.546	ng/ul#	87

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

