

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051523.D
 Acq On : 15 Dec 2021 4:47
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020589

Quant Time: Dec 15 05:55:02 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 12/15/2021
 Supervised By :Yogesh Patel 12/23/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	34091	20.000	ng/u1	0.00
20) Naphthalene-d8	11.121	136	137116	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.915	164	103106	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.659	188	264241	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.976	240	253867	20.000	ng/u1	# 0.00
88) Perylene-d12	25.478	264	260388	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.607	96	6617	8.061	ng/uL	0.00
4) Pyridine-d5	4.036	84	50584	20.395	ng/u1	0.00
7) Phenol-d5	7.408	99	60936	20.019	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.584	67	37280	20.602	ng/u1	0.00
11) 2-Chlorophenol-d4	7.802	132	44165	20.862	ng/u1	0.00
15) 4-Methylphenol-d8	8.971	113	49594	21.078	ng/u1	0.00
21) Nitrobenzene-d5	9.446	128	21823	21.708	ng/u1	0.00
24) 2-Nitrophenol-d4	10.181	143	24709	22.484	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.721	165	52180	21.896	ng/u1	0.00
31) 4-Chloroaniline-d4	11.238	131	66952	21.338	ng/u1	0.00
46) Dimethylphthalate-d6	14.305	166	175712	21.292	ng/u1	0.00
49) Acenaphthylene-d8	14.610	160	213852	20.865	ng/u1	0.00
54) 4-Nitrophenol-d4	15.068	143	29643	22.088	ng/u1	0.00
60) Fluorene-d10	15.902	176	156056	21.107	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.996	200	31047	22.551	ng/u1	-0.02
73) Anthracene-d10	17.759	188	265054	21.028	ng/u1	0.00
81) Pyrene-d10	20.032	212	324682	21.250	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.237	264	287775	21.005	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.642	88	7018	8.192	ng/uL	87
5) Pyridine	4.060	79	52061	20.923	ng/u1	93
6) Benzaldehyde	7.396	77	45721	24.075	ng/u1	94
8) Phenol	7.431	94	63921	21.119	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.678	93	46519	20.146	ng/u1	96
12) 2-Chlorophenol	7.837	128	46852	21.575	ng/u1	89
13) 2-Methylphenol	8.712	108	46475	20.351	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.812	45	63794	20.368	ng/u1	97
16) Acetophenone	9.106	105	75701	20.483	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.082	70	44220	19.940	ng/u1	99
18) 4-Methylphenol	9.035	108	51866	21.549	ng/u1	90
19) Hexachloroethane	9.388	117	18565	19.593	ng/u1#	77
22) Nitrobenzene	9.488	77	63470	21.707	ng/u1	99
23) Isophorone	10.022	82	121743	20.739	ng/u1	96
25) 2-Nitrophenol	10.216	139	26936	22.931	ng/u1	95
26) 2,4-Dimethylphenol	10.257	107	60117	21.241	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.498	93	62516	20.056	ng/u1	96
29) 2,4-Dichlorophenol	10.751	162	50468	22.257	ng/u1	97
30) Naphthalene	11.168	128	152617	20.660	ng/u1	98
32) 4-Chloroaniline	11.262	127	66796	20.848	ng/u1	100
33) Hexachlorobutadiene	11.461	225	40146	20.854	ng/u1	96
34) Caprolactam	12.008	113	17047m	24.832	ng/u1	
35) 4-Chloro-3-methylphenol	12.360	107	57026	22.445	ng/u1	94
36) 2-Methylnaphthalene	12.760	142	113627	21.561	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.977	142	114851	20.989	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.118	216	75313	21.000	ng/ul	97
40) Hexachlorocyclopentadiene	13.106	237	53089	20.387	ng/ul	97
41) 2,4,6-Trichlorophenol	13.347	196	48199	22.201	ng/ul	94
42) 2,4,5-Trichlorophenol	13.417	196	52576	23.107	ng/ul	90
43) 1,1'-Biphenyl	13.746	154	161073	20.394	ng/ul#	96
44) 2-Chloronaphthalene	13.793	162	126494	20.716	ng/ul	99
45) 2-Nitroaniline	13.981	65	43393	23.263	ng/ul	96
47) Dimethylphthalate	14.352	163	170730	21.309	ng/ul	99
48) 2,6-Dinitrotoluene	14.469	165	36083	23.559	ng/ul	87
50) Acenaphthylene	14.639	152	207641	20.706	ng/ul	97
51) 3-Nitroaniline	14.798	138	35172	24.016	ng/ul	97
52) Acenaphthene	14.980	153	137058	20.689	ng/ul	96
53) 2,4-Dinitrophenol	14.998	184	21551	24.341	ng/ul#	58
55) 4-Nitrophenol	15.086	109	32195	22.360	ng/ul#	81
56) Dibenzofuran	15.309	168	202807	20.787	ng/ul	98
57) 2,4-Dinitrotoluene	15.250	165	51549	23.746	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.526	232	49869	23.062	ng/ul#	89
59) Diethylphthalate	15.714	149	173932	20.840	ng/ul	97
61) Fluorene	15.955	166	167167	20.795	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.943	204	95024	21.222	ng/ul	92
63) 4-Nitroaniline	15.955	138	35237	23.459	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.014	198	30590	22.625	ng/ul	98
67) N-Nitrosodiphenylamine	16.155	169	146880	20.666	ng/ul	94
68) 4-Bromophenyl-phenylether	16.842	248	65226	24.238	ng/ul#	83
69) Hexachlorobenzene	16.966	284	74121	21.919	ng/ul#	86
70) Atrazine	17.095	200	66261	20.777	ng/ul	96
71) Pentachlorophenol	17.300	266	46060	22.231	ng/ul	94
72) Phenanthrene	17.700	178	283358	20.849	ng/ul	99
74) Anthracene	17.794	178	285262	20.776	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.723	216	84043	20.674	ng/ul	94
76) Pentachlorobenzene	15.233	250	81445	20.958	ng/ul	98
77) Carbazole	18.052	167	259915	21.140	ng/ul	97
78) Di-n-butylphthalate	18.605	149	301415	20.371	ng/ul	99
80) Fluoranthene	19.703	202	374466	21.352	ng/ul#	88
82) Pyrene	20.061	202	368618	21.239	ng/ul#	88
83) Butylbenzylphthalate	20.943	149	120686	20.734	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.859	252	135060	22.574	ng/ul#	96
85) Benzo(a)anthracene	21.959	228	349157	21.140	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.853	149	173190	21.242	ng/ul#	97
87) Chrysene	22.029	228	336899	21.113	ng/ul	98
89) Di-n-octyl phthalate	23.169	149	287866	20.525	ng/ul	100
90) Benzo(b)fluoranthene	24.356	252	362219	20.768	ng/ul#	95
91) Benzo(k)fluoranthene	24.432	252	334165	20.459	ng/ul#	95
93) Benzo(a)pyrene	25.313	252	341960	20.775	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.507	276	381212	21.213	ng/ul#	88
95) Dibenzo(a,h)anthracene	29.584	278	318977	20.782	ng/ul#	93
96) Benzo(g,h,i)perylene	30.765	276	310532	20.391	ng/ul#	87

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

