

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
 Data File : BG051190.D
 Acq On : 23 Nov 2021 19:58
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020556

Quant Time: Nov 24 06:55:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
 Supervised By :mohammad ahmed 11/30/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.197	152	27201	20.000	ng/u1	0.00
20) Naphthalene-d8	11.023	136	123845	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.830	164	89665	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.580	188	212238	20.000	ng/u1	0.00
79) Chrysene-d12	21.881	240	188928	20.000	ng/u1	0.00
88) Perylene-d12	25.277	264	191816	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.538	96	5610	7.167	ng/uL	0.00
4) Pyridine-d5	3.972	84	40613	17.682	ng/u1	0.00
7) Phenol-d5	7.357	99	47140	17.535	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.509	67	30618	18.134	ng/u1	0.00
11) 2-Chlorophenol-d4	7.727	132	34143	17.637	ng/u1	0.00
15) 4-Methylphenol-d8	8.908	113	38166	17.593	ng/u1	0.00
21) Nitrobenzene-d5	9.372	128	18958	18.134	ng/u1	0.00
24) 2-Nitrophenol-d4	10.101	143	21781	18.470	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.647	165	36529	18.257	ng/u1	0.00
31) 4-Chloroaniline-d4	11.164	131	52262	17.851	ng/u1	0.00
46) Dimethylphthalate-d6	14.225	166	128869	18.679	ng/u1	0.00
49) Acenaphthylene-d8	14.525	160	156638	18.005	ng/u1	0.00
54) 4-Nitrophenol-d4	15.042	143	20065m	17.967	ng/u1	0.00
60) Fluorene-d10	15.817	176	112971	18.184	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.947	200	23020	17.577	ng/u1	0.00
73) Anthracene-d10	17.680	188	185113	18.237	ng/u1	0.00
81) Pyrene-d10	19.960	212	209880	18.360	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.042	264	182737	17.838	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.579	88	6211m	7.036	ng/uL	
5) Pyridine	3.990	79	43235	18.090	ng/u1	95
6) Benzaldehyde	7.333	77	35376	20.663	ng/u1	95
8) Phenol	7.380	94	49336	17.715	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.609	93	38513	18.279	ng/u1	92
12) 2-Chlorophenol	7.762	128	35051	17.768	ng/u1	96
13) 2-Methylphenol	8.643	108	36134	17.419	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.720	45	56687	18.644	ng/u1	97
16) Acetophenone	9.025	105	61848	18.431	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.996	70	36825	19.097	ng/u1	97
18) 4-Methylphenol	8.972	108	39791	17.938	ng/u1	99
19) Hexachloroethane	9.284	117	14266	17.121	ng/u1	90
22) Nitrobenzene	9.419	77	51104	18.643	ng/u1	96
23) Isophorone	9.936	82	100367	18.846	ng/u1	100
25) 2-Nitrophenol	10.136	139	22080	18.076	ng/u1	98
26) 2,4-Dimethylphenol	10.183	107	47234	18.913	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.412	93	55520	18.884	ng/u1	100
29) 2,4-Dichlorophenol	10.676	162	35764	18.158	ng/u1	95
30) Naphthalene	11.076	128	123509	18.328	ng/u1	98
32) 4-Chloroaniline	11.188	127	54861	18.665	ng/u1	99
33) Hexachlorobutadiene	11.340	225	23933	17.617	ng/u1	99
34) Caprolactam	11.945	113	14918m	19.266	ng/u1	
35) 4-Chloro-3-methylphenol	12.304	107	44784	18.928	ng/u1	96
36) 2-Methylnaphthalene	12.668	142	85574	18.670	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.886	142	87703	18.598	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.032	216	49381	17.542	ng/ul	99
40) Hexachlorocyclopentadiene	12.997	237	25953	22.810	ng/ul	96
41) 2,4,6-Trichlorophenol	13.273	196	31219	17.673	ng/ul	99
42) 2,4,5-Trichlorophenol	13.356	196	32732	17.694	ng/ul	97
43) 1,1'-Biphenyl	13.661	154	119274	17.810	ng/ul	98
44) 2-Chloronaphthalene	13.714	162	94333	17.707	ng/ul	99
45) 2-Nitroaniline	13.920	65	34220	18.560	ng/ul	89
47) Dimethylphthalate	14.272	163	129194	18.500	ng/ul	100
48) 2,6-Dinitrotoluene	14.407	165	26840	18.297	ng/ul	91
50) Acenaphthylene	14.554	152	155781	18.124	ng/ul	100
51) 3-Nitroaniline	14.742	138	28606	19.729	ng/ul	93
52) Acenaphthene	14.895	153	102267	18.041	ng/ul	95
53) 2,4-Dinitrophenol	14.965	184	14253	17.579	ng/ul	89
55) 4-Nitrophenol	15.054	109	20518	21.179	ng/ul	94
56) Dibenzofuran	15.224	168	148636	18.179	ng/ul	99
57) 2,4-Dinitrotoluene	15.195	165	40427	19.296	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.459	232	27832	19.160	ng/ul	98
59) Diethylphthalate	15.623	149	139639	19.050	ng/ul	100
61) Fluorene	15.876	166	120507	18.400	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.858	204	63612	18.023	ng/ul	95
63) 4-Nitroaniline	15.906	138	29658	21.019	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.964	198	22740	18.004	ng/ul#	97
67) N-Nitrosodiphenylamine	16.076	169	109723	18.058	ng/ul	95
68) 4-Bromophenyl-phenylether	16.757	248	40525	17.816	ng/ul	90
69) Hexachlorobenzene	16.881	284	40920	17.642	ng/ul	95
70) Atrazine	17.016	200	46190	18.089	ng/ul	98
71) Pentachlorophenol	17.233	266	18236m	17.743	ng/ul	
72) Phenanthrene	17.621	178	208455	17.788	ng/ul	100
74) Anthracene	17.715	178	211761	18.195	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.638	216	51749	16.716	ng/uL	95
76) Pentachlorobenzene	15.148	250	49787	17.260	ng/uL	98
77) Carbazole	17.985	167	189310	18.531	ng/ul	99
78) Di-n-butylphthalate	18.508	149	240935	18.291	ng/ul	98
80) Fluoranthene	19.625	202	255558	18.201	ng/ul	98
82) Pyrene	19.989	202	252335	18.372	ng/ul	97
83) Butylbenzylphthalate	20.847	149	102976	18.035	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.769	252	83453	18.972	ng/ul	97
85) Benzo(a)anthracene	21.857	228	232080	18.111	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.722	149	150253	18.287	ng/ul	100
87) Chrysene	21.928	228	220557	17.917	ng/ul	99
89) Di-n-octyl phthalate	22.985	149	257763	18.549	ng/ul	100
90) Benzo(b)fluoranthene	24.190	252	233635	18.048	ng/ul	99
91) Benzo(k)fluoranthene	24.260	252	215282	17.722	ng/ul	98
93) Benzo(a)pyrene	25.118	252	222679	18.031	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.190	276	247430	17.904	ng/ul	97
95) Dibenzo(a,h)anthracene	29.243	278	209178	17.842	ng/ul	100
96) Benzo(g,h,i)perylene	30.406	276	207169	17.817	ng/ul	95

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

