

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
 Data File : BG052899.D
 Acq On : 28 Mar 2022 20:35
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020550

Quant Time: Mar 29 02:28:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 23 13:16:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/29/2022
 Supervised By :mohammad ahmed 03/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.133	152	28515	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.947	136	130714	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.754	164	103749	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.497	188	251629	20.000	ng/u1	0.00
79) Chrysene-d12	21.785	240	264388	20.000	ng/u1	0.00
88) Perylene-d12	25.099	264	275998	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.551	96	5961	7.384	ng/uL	0.00
4) Pyridine-d5	3.963	84	36946	18.332	ng/u1	-0.01
7) Phenol-d5	7.282	99	57103	22.359	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	33446	21.442	ng/u1	0.00
11) 2-Chlorophenol-d4	7.663	132	36877	21.265	ng/u1	-0.01
15) 4-Methylphenol-d8	8.832	113	42271	22.848	ng/u1	0.00
21) Nitrobenzene-d5	9.297	128	20439	21.722	ng/u1	0.00
24) 2-Nitrophenol-d4	10.025	143	24064	24.247	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.560	165	46562	21.566	ng/u1	0.00
31) 4-Chloroaniline-d4	11.071	131	60134	21.073	ng/u1	0.00
46) Dimethylphthalate-d6	14.155	166	161460	20.257	ng/u1	0.00
49) Acenaphthylene-d8	14.454	160	195682	20.204	ng/u1	0.00
54) 4-Nitrophenol-d4	14.930	143	27092	20.217	ng/u1	0.00
60) Fluorene-d10	15.747	176	140649	20.097	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.852	200	27048	21.122	ng/u1	0.00
73) Anthracene-d10	17.597	188	234476	20.011	ng/u1	0.00
81) Pyrene-d10	19.882	212	290426	19.636	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.870	264	282764	19.828	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.581	88	6264	6.333	ng/uL#	82
5) Pyridine	3.986	79	42387	19.465	ng/u1	90
6) Benzaldehyde	7.264	77	41760m	24.596	ng/u1	
8) Phenol	7.305	94	55199	22.425	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.546	93	38829	20.911	ng/u1	97
12) 2-Chlorophenol	7.699	128	36470	20.583	ng/u1	95
13) 2-Methylphenol	8.568	108	43144	22.552	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.662	45	64200	21.270	ng/u1	98
16) Acetophenone	8.956	105	68363	23.686	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.938	70	39471	23.459	ng/u1	96
18) 4-Methylphenol	8.891	108	46742	23.452	ng/u1	96
19) Hexachloroethane	9.232	117	15717	19.993	ng/u1	88
22) Nitrobenzene	9.338	77	59458	21.626	ng/u1#	88
23) Isophorone	9.860	82	109251	20.789	ng/u1	98
25) 2-Nitrophenol	10.054	139	22842	22.195	ng/u1#	88
26) 2,4-Dimethylphenol	10.101	107	54450	21.352	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.342	93	56686	19.397	ng/u1	94
29) 2,4-Dichlorophenol	10.589	162	43710	20.822	ng/u1	99
30) Naphthalene	11.000	128	134207	19.840	ng/u1	97
32) 4-Chloroaniline	11.094	127	59019	21.048	ng/u1	99
33) Hexachlorobutadiene	11.288	225	33440	19.505	ng/u1	97
34) Caprolactam	11.840	113	15145	23.955	ng/u1	92
35) 4-Chloro-3-methylphenol	12.204	107	52739	23.160	ng/u1	90
36) 2-Methylnaphthalene	12.592	142	102052	21.378	ng/u1	99

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37) 1-Methylnaphthalene	12.815	142	101117	20.923	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.962	216	67945	19.813	ng/ul	99
40) Hexachlorocyclopentadiene	12.945	237	40424	17.027	ng/ul	96
41) 2,4,6-Trichlorophenol	13.191	196	44380	21.179	ng/ul	97
42) 2,4,5-Trichlorophenol	13.262	196	47191	20.854	ng/ul	92
43) 1,1'-Biphenyl	13.591	154	142618	19.237	ng/ul	100
44) 2-Chloronaphthalene	13.638	162	113029	19.039	ng/ul	97
45) 2-Nitroaniline	13.826	65	40897	23.501	ng/ul	97
47) Dimethylphthalate	14.202	163	147326	19.369	ng/ul	99
48) 2,6-Dinitrotoluene	14.319	165	30950	22.462	ng/ul	97
50) Acenaphthylene	14.478	152	187211	20.014	ng/ul	96
51) 3-Nitroaniline	14.648	138	33410	24.023	ng/ul	99
52) Acenaphthene	14.818	153	123672	20.238	ng/ul	98
53) 2,4-Dinitrophenol	14.854	184	15624	18.253	ng/ul#	57
55) 4-Nitrophenol	14.942	109	30168	21.391	ng/ul	86
56) Dibenzofuran	15.153	168	184877	20.407	ng/ul	98
57) 2,4-Dinitrotoluene	15.100	165	43420	22.210	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.377	232	44199	21.669	ng/ul#	95
59) Diethylphthalate	15.559	149	158754	20.608	ng/ul	99
61) Fluorene	15.799	166	150714	20.071	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.794	204	81861	20.487	ng/ul	97
63) 4-Nitroaniline	15.805	138	33482m	24.481	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.864	198	26318	21.005	ng/ul#	86
67) N-Nitrosodiphenylamine	15.999	169	133522	19.626	ng/ul	97
68) 4-Bromophenyl-phenylether	16.687	248	58147	23.338	ng/ul	96
69) Hexachlorobenzene	16.810	284	66606	20.695	ng/ul	93
70) Atrazine	16.945	200	58537	20.994	ng/ul	95
71) Pentachlorophenol	17.145	266	34804m	17.783	ng/ul	
72) Phenanthrene	17.544	178	265516	20.105	ng/ul	100
74) Anthracene	17.632	178	261233	19.785	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.561	216	71736	19.141	ng/ul	99
76) Pentachlorobenzene	15.077	250	73165	20.349	ng/ul	97
77) Carbazole	17.897	167	239464	20.522	ng/ul	97
78) Di-n-butylphthalate	18.455	149	273742	19.728	ng/ul	100
80) Fluoranthene	19.547	202	345035	19.796	ng/ul	98
82) Pyrene	19.912	202	344241	19.871	ng/ul#	95
83) Butylbenzylphthalate	20.787	149	120490	20.004	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.674	252	122741	20.713	ng/ul	90
85) Benzo(a)anthracene	21.762	228	336902	19.744	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.668	149	166479	19.955	ng/ul	100
87) Chrysene	21.833	228	318602	19.575	ng/ul	99
89) Di-n-octyl phthalate	22.908	149	286316	19.917	ng/ul	100
90) Benzo(b)fluoranthene	24.041	252	348242	19.540	ng/ul#	98
91) Benzo(k)fluoranthene	24.106	252	329149	20.012	ng/ul#	95
93) Benzo(a)pyrene	24.940	252	331328	19.692	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.876	276	365866	19.227	ng/ul	96
95) Dibenzo(a,h)anthracene	28.946	278	309116	19.112	ng/ul	98
96) Benzo(g,h,i)perylene	30.057	276	310696m	19.315	ng/ul	

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

