

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032822\
 Data File : BG052884.D
 Acq On : 28 Mar 2022 10:14
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020549

Quant Time: Mar 29 01:18:19 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	8.139	152	26034	20.000	ng/u1	0.00
20) Naphthalene-d8	10.953	136	120141	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.760	164	98901	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.503	188	246322	20.000	ng/u1	0.00
79) Chrysene-d12	21.791	240	255025	20.000	ng/u1	# 0.00
88) Perylene-d12	25.099	264	262501	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.546	96	5366m	7.281	ng/uL	0.00
4) Pyridine-d5	3.969	84	35867	19.493	ng/u1	0.00
7) Phenol-d5	7.282	99	51515	22.093	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	32035	22.495	ng/u1	0.00
11) 2-Chlorophenol-d4	7.664	132	34657	21.889	ng/u1	-0.01
15) 4-Methylphenol-d8	8.833	113	40031	23.700	ng/u1	0.00
21) Nitrobenzene-d5	9.297	128	19248	22.257	ng/u1	0.00
24) 2-Nitrophenol-d4	10.019	143	20673	22.664	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.560	165	42581	21.458	ng/u1	0.00
31) 4-Chloroaniline-d4	11.071	131	56606	21.583	ng/u1	0.00
46) Dimethylphthalate-d6	14.155	166	156906	20.651	ng/u1	0.00
49) Acenaphthylene-d8	14.454	160	186780	20.230	ng/u1	0.00
54) 4-Nitrophenol-d4	14.930	143	27485	21.515	ng/u1	0.00
60) Fluorene-d10	15.747	176	135377	20.292	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.852	200	24374	19.444	ng/u1	0.00
73) Anthracene-d10	17.597	188	228437	19.916	ng/u1	0.00
81) Pyrene-d10	19.882	212	283029	19.839	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.876	264	271891	20.046	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.587	88	6110	6.766	ng/uL	95
5) Pyridine	3.986	79	39204	19.719	ng/u1	89
6) Benzaldehyde	7.264	77	38157	24.615	ng/u1	92
8) Phenol	7.311	94	52428	23.329	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.546	93	36058	21.269	ng/u1	91
12) 2-Chlorophenol	7.699	128	34365	21.244	ng/u1	93
13) 2-Methylphenol	8.568	108	40769	23.342	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.656	45	62870	22.815	ng/u1	96
16) Acetophenone	8.956	105	65293	24.778	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.932	70	37484	24.401	ng/u1	93
18) 4-Methylphenol	8.891	108	43462	23.884	ng/u1	94
19) Hexachloroethane	9.232	117	15278	21.286	ng/u1	87
22) Nitrobenzene	9.338	77	56085	22.195	ng/u1#	93
23) Isophorone	9.861	82	103078	21.341	ng/u1	96
25) 2-Nitrophenol	10.054	139	20402	21.569	ng/u1#	75
26) 2,4-Dimethylphenol	10.101	107	51143	21.820	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.342	93	55095	20.512	ng/u1	97
29) 2,4-Dichlorophenol	10.589	162	42895	22.232	ng/u1	91
30) Naphthalene	11.000	128	126037	20.272	ng/u1	97
32) 4-Chloroaniline	11.100	127	57143	22.173	ng/u1	98
33) Hexachlorobutadiene	11.288	225	32167	20.414	ng/u1	99
34) Caprolactam	11.846	113	14775m	25.426	ng/u1	
35) 4-Chloro-3-methylphenol	12.210	107	51020	24.377	ng/u1	92
36) 2-Methylnaphthalene	12.598	142	96539	22.002	ng/u1	94

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37) 1-Methylnaphthalene	12.815	142	97008	21.839	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.962	216	62274	19.050	ng/ul	94
40) Hexachlorocyclopentadiene	12.950	237	39132	17.291	ng/ul	95
41) 2,4,6-Trichlorophenol	13.191	196	41125	20.588	ng/ul	99
42) 2,4,5-Trichlorophenol	13.268	196	46140	21.389	ng/ul	98
43) 1,1'-Biphenyl	13.591	154	137894	19.511	ng/ul	98
44) 2-Chloronaphthalene	13.638	162	109037	19.267	ng/ul	96
45) 2-Nitroaniline	13.832	65	38202	23.029	ng/ul	93
47) Dimethylphthalate	14.202	163	147425	20.332	ng/ul#	97
48) 2,6-Dinitrotoluene	14.319	165	29295	22.303	ng/ul	95
50) Acenaphthylene	14.484	152	183195	20.545	ng/ul	98
51) 3-Nitroaniline	14.648	138	32167	24.263	ng/ul	95
52) Acenaphthene	14.824	153	119615	20.534	ng/ul	96
53) 2,4-Dinitrophenol	14.854	184	15785	19.345	ng/ul#	58
55) 4-Nitrophenol	14.942	109	28583	21.260	ng/ul	94
56) Dibenzofuran	15.153	168	180666	20.920	ng/ul	95
57) 2,4-Dinitrotoluene	15.106	165	42862	22.999	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.377	232	43070	22.150	ng/ul#	97
59) Diethylphthalate	15.565	149	155294	21.147	ng/ul	97
61) Fluorene	15.805	166	148512	20.747	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.794	204	80202	21.055	ng/ul	95
63) 4-Nitroaniline	15.805	138	32955m	25.277	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.870	198	23865	19.458	ng/ul	97
67) N-Nitrosodiphenylamine	15.999	169	132431	19.885	ng/ul	96
68) 4-Bromophenyl-phenylether	16.687	248	57802	23.700	ng/ul	97
69) Hexachlorobenzene	16.810	284	64677	20.529	ng/ul#	89
70) Atrazine	16.945	200	57164	20.944	ng/ul	98
71) Pentachlorophenol	17.151	266	33020m	17.235	ng/ul	
72) Phenanthrene	17.544	178	260654	20.162	ng/ul	98
74) Anthracene	17.632	178	263611	20.396	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.561	216	68335	18.627	ng/uL	97
76) Pentachlorobenzene	15.077	250	70186	19.941	ng/uL	98
77) Carbazole	17.897	167	235599	20.626	ng/ul	95
78) Di-n-butylphthalate	18.455	149	269455	19.838	ng/ul	99
80) Fluoranthene	19.547	202	338332	20.124	ng/ul	99
82) Pyrene	19.912	202	331570	19.842	ng/ul	96
83) Butylbenzylphthalate	20.787	149	113732	19.575	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.674	252	118323	20.701	ng/ul	93
85) Benzo(a)anthracene	21.768	228	321741	19.547	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.668	149	161022	20.010	ng/ul	96
87) Chrysene	21.833	228	309180	19.693	ng/ul	98
89) Di-n-octyl phthalate	22.913	149	274692	20.091	ng/ul	100
90) Benzo(b)fluoranthene	24.047	252	340342	20.079	ng/ul	99
91) Benzo(k)fluoranthene	24.118	252	309529m	19.786	ng/ul	
93) Benzo(a)pyrene	24.946	252	320590	20.033	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.888	276	368994	20.388	ng/ul	95
95) Dibenzo(a,h)anthracene	28.946	278	315454	20.507	ng/ul	98
96) Benzo(g,h,i)perylene	30.063	276	308776	20.183	ng/ul	97

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

