

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022423\
 Data File : BG056723.D
 Acq On : 24 Feb 2023 16:03
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020592

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Jagrut Upadhyay 02/27/2023

Quant Time: Feb 24 16:45:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 23 15:40:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	15945	20.000	ng/u1	0.00
20) Naphthalene-d8	11.258	136	69104	20.000	ng/u1	0.00
38) Acenaphthene-d10	15.024	164	52454	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.756	188	133700	20.000	ng/u1	0.00
79) Chrysene-d12	22.069	240	118358	20.000	ng/u1	0.00
88) Perylene-d12	25.594	264	126046	20.000	ng/u1	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.696	96	2561	8.910	ng/uL	0.00
4) Pyridine-d5	4.131	84	23176	19.975	ng/u1	0.00
7) Phenol-d5	7.539	99	31946	20.021	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	19357	19.888	ng/u1	0.00
11) 2-Chlorophenol-d4	7.938	132	21903	20.671	ng/u1	0.00
15) 4-Methylphenol-d8	9.108	113	23965	19.657	ng/u1	0.00
21) Nitrobenzene-d5	9.595	128	11697	20.198	ng/u1	0.00
24) 2-Nitrophenol-d4	10.324	143	14378	20.857	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.859	165	26452	20.368	ng/u1	0.00
31) 4-Chloroaniline-d4	11.376	131	34551	20.398	ng/u1	0.00
46) Dimethylphthalate-d6	14.413	166	89445	21.135	ng/u1	0.00
49) Acenaphthylene-d8	14.725	160	102023	21.210	ng/u1	0.00
54) 4-Nitrophenol-d4	15.177	143	15284	20.947	ng/u1	0.00
60) Fluorene-d10	16.006	176	81954	20.934	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.105	200	17654	19.736	ng/u1	0.00
73) Anthracene-d10	17.856	188	132378m	20.409	ng/u1	0.00
81) Pyrene-d10	20.112	212	155881	19.463	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.359	264	141139	20.745	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.732	88	3179	8.970	ng/uL#	79
5) Pyridine	4.155	79	25112m	20.438	ng/u1	
6) Benzaldehyde	7.539	77	21163	25.316	ng/u1	97
8) Phenol	7.568	94	32100	19.723	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.815	93	24245	20.966	ng/u1	95
12) 2-Chlorophenol	7.974	128	21480	20.470	ng/u1	94
13) 2-Methylphenol	8.843	108	24712	20.130	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.931	45	32087m	20.649	ng/u1	
16) Acetophenone	9.243	105	43404	20.789	ng/u1	95
17) N-Nitroso-di-n-propyla...	9.219	70	23433	19.561	ng/u1	96
18) 4-Methylphenol	9.166	108	26226	19.661	ng/u1	92
19) Hexachloroethane	9.525	117	8774	19.663	ng/u1	83
22) Nitrobenzene	9.636	77	35348	21.049	ng/u1	97
23) Isophorone	10.159	82	68203	20.773	ng/u1	97
25) 2-Nitrophenol	10.353	139	14421	21.193	ng/u1#	91
26) 2,4-Dimethylphenol	10.389	107	31691	20.854	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.635	93	34869	21.012	ng/u1#	97
29) 2,4-Dichlorophenol	10.888	162	25672	20.414	ng/u1	99
30) Naphthalene	11.311	128	78187	20.555	ng/u1	99
32) 4-Chloroaniline	11.405	127	33878	20.191	ng/u1	89
33) Hexachlorobutadiene	11.587	225	20872	20.824	ng/u1	97
34) Caprolactam	12.145	113	8795	20.571	ng/u1#	82
35) 4-Chloro-3-methylphenol	12.486	107	29459	20.390	ng/u1	94
36) 2-Methylnaphthalene	12.880	142	56608	20.780	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.097	142	55425	20.636	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.238	216	40031	21.525	ng/ul	99
40) Hexachlorocyclopentadiene	13.221	237	26862	20.158	ng/ul	90
41) 2,4,6-Trichlorophenol	13.467	196	26511	21.335	ng/ul#	95
42) 2,4,5-Trichlorophenol	13.532	196	29185	21.630	ng/ul	94
43) 1,1'-Biphenyl	13.867	154	80223	20.798	ng/ul	98
44) 2-Chloronaphthalene	13.914	162	68147	21.354	ng/ul	90
45) 2-Nitroaniline	14.102	65	23780	21.467	ng/ul	97
47) Dimethylphthalate	14.454	163	91078	21.162	ng/ul	98
48) 2,6-Dinitrotoluene	14.584	165	18426	20.885	ng/ul	91
50) Acenaphthylene	14.754	152	102186	21.029	ng/ul	98
51) 3-Nitroaniline	14.907	138	17295	21.903	ng/ul#	90
52) Acenaphthene	15.089	153	70233	21.040	ng/ul	100
53) 2,4-Dinitrophenol	15.118	184	11288	19.972	ng/ul#	75
55) 4-Nitrophenol	15.195	109	16989	20.115	ng/ul	99
56) Dibenzofuran	15.418	168	107194	21.154	ng/ul	98
57) 2,4-Dinitrotoluene	15.365	165	26914	21.279	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.635	232	26222	20.883	ng/ul#	99
59) Diethylphthalate	15.806	149	90894	21.098	ng/ul	96
61) Fluorene	16.064	166	85309	21.025	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.047	204	50907	21.182	ng/ul	99
63) 4-Nitroaniline	16.064	138	17783	23.050	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.123	198	17547	20.376	ng/ul#	99
67) N-Nitrosodiphenylamine	16.252	169	77083	20.733	ng/ul	98
68) 4-Bromophenyl-phenylether	16.940	248	34239	20.208	ng/ul	98
69) Hexachlorobenzene	17.063	284	37673	20.696	ng/ul	97
70) Atrazine	17.181	200	32907	20.379	ng/ul	96
71) Pentachlorophenol	17.398	266	19361	18.732	ng/ul	96
72) Phenanthrene	17.803	178	150715	20.810	ng/ul	99
74) Anthracene	17.892	178	150234	20.527	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.837	216	42718	20.885	ng/ul	98
76) Pentachlorobenzene	15.336	250	43095	20.774	ng/ul	94
77) Carbazole	18.150	167	128168	20.930	ng/ul	97
78) Di-n-butylphthalate	18.679	149	146817	20.802	ng/ul	99
80) Fluoranthene	19.783	202	189400	19.558	ng/ul	99
82) Pyrene	20.148	202	186500	19.548	ng/ul	99
83) Butylbenzylphthalate	21.006	149	62221	20.558	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.946	252	66219	22.315	ng/ul	99
85) Benzo(a)anthracene	22.045	228	177627	20.620	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.910	149	86481	20.341	ng/ul	99
87) Chrysene	22.122	228	162680	20.276	ng/ul	99
89) Di-n-octyl phthalate	23.226	149	145910	21.293	ng/ul	100
90) Benzo(b)fluoranthene	24.466	252	175586	20.809	ng/ul	99
91) Benzo(k)fluoranthene	24.543	252	171218	20.832	ng/ul	99
93) Benzo(a)pyrene	25.430	252	150656	20.312	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.666	276	202745	20.122	ng/ul	98
95) Dibenzo(a,h)anthracene	29.736	278	167989	19.940	ng/ul#	95
96) Benzo(g,h,i)perylene	30.947	276	162971	20.249	ng/ul	97

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

