

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
 Data File : BG052731.D
 Acq On : 19 Mar 2022 4:44
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020539

Quant Time: Mar 19 06:06:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 00:55:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/21/2022
 Supervised By :Yogesh Patel 03/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.148	152	43291	20.000	ng/u1	0.00
20) Naphthalene-d8	10.962	136	177139	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	125090	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.512	188	295223	20.000	ng/u1	0.00
79) Chrysene-d12	21.800	240	303162	20.000	ng/u1	0.00
88) Perylene-d12	25.113	264	305880	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.560	96	10000m	8.159	ng/uL	0.00
4) Pyridine-d5	3.977	84	62963	20.578	ng/u1	0.00
7) Phenol-d5	7.290	99	79014	20.378	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.467	67	48666	20.550	ng/u1	0.00
11) 2-Chlorophenol-d4	7.678	132	54055	20.532	ng/u1	0.00
15) 4-Methylphenol-d8	8.841	113	58323	20.765	ng/u1	0.00
21) Nitrobenzene-d5	9.305	128	27288	21.400	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	28871	21.467	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.574	165	60150	20.558	ng/u1	0.00
31) 4-Chloroaniline-d4	11.085	131	78535	20.309	ng/u1	0.00
46) Dimethylphthalate-d6	14.164	166	195450	20.338	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	238267	20.404	ng/u1	0.00
54) 4-Nitrophenol-d4	14.933	143	33291	20.604	ng/u1	0.00
60) Fluorene-d10	15.755	176	170841	20.247	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.861	200	30811	20.508	ng/u1	0.00
73) Anthracene-d10	17.612	188	276318	20.100	ng/u1	0.00
81) Pyrene-d10	19.891	212	345557	20.375	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.890	264	317383	20.081	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.601	88	10121	6.740	ng/uL#	89
5) Pyridine	4.001	79	67316	20.361	ng/u1	97
6) Benzaldehyde	7.279	77	58545m	22.712	ng/u1	
8) Phenol	7.320	94	77968	20.864	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.561	93	58624	20.795	ng/u1	96
12) 2-Chlorophenol	7.708	128	55306	20.560	ng/u1	93
13) 2-Methylphenol	8.583	108	60576	20.857	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.677	45	97680	21.317	ng/u1	99
16) Acetophenone	8.971	105	94229	21.505	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.953	70	54800	21.453	ng/u1	96
18) 4-Methylphenol	8.906	108	64711	21.385	ng/u1	96
19) Hexachloroethane	9.241	117	24764	20.749	ng/u1	97
22) Nitrobenzene	9.352	77	76889	20.637	ng/u1	97
23) Isophorone	9.881	82	144290	20.261	ng/u1	97
25) 2-Nitrophenol	10.063	139	29778	21.351	ng/u1	99
26) 2,4-Dimethylphenol	10.116	107	71249	20.617	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.351	93	79674	20.118	ng/u1	96
29) 2,4-Dichlorophenol	10.598	162	56237	19.769	ng/u1	94
30) Naphthalene	11.015	128	183775	20.048	ng/u1	100
32) 4-Chloroaniline	11.109	127	77476	20.389	ng/u1	95
33) Hexachlorobutadiene	11.309	225	48253	20.769	ng/u1	96
34) Caprolactam	11.873	113	17538	20.470	ng/u1	96
35) 4-Chloro-3-methylphenol	12.213	107	65294	21.159	ng/u1	91
36) 2-Methylnaphthalene	12.607	142	131399	20.311	ng/u1	98

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37) 1-Methylnaphthalene	12.824	142	131574	20.090	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.971	216	85928	20.783	ng/ul	97
40) Hexachlorocyclopentadiene	12.959	237	57112	19.953	ng/ul	98
41) 2,4,6-Trichlorophenol	13.206	196	52026	20.592	ng/ul	96
42) 2,4,5-Trichlorophenol	13.271	196	58347	21.385	ng/ul	93
43) 1,1'-Biphenyl	13.605	154	180456	20.188	ng/ul	99
44) 2-Chloronaphthalene	13.647	162	143095	19.992	ng/ul	97
45) 2-Nitroaniline	13.835	65	45423	21.649	ng/ul	98
47) Dimethylphthalate	14.211	163	186083	20.291	ng/ul	99
48) 2,6-Dinitrotoluene	14.328	165	36024	21.684	ng/ul	93
50) Acenaphthylene	14.492	152	223568	19.823	ng/ul	98
51) 3-Nitroaniline	14.657	138	37789	22.536	ng/ul	99
52) Acenaphthene	14.833	153	148426	20.145	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	23881	23.139	ng/ul#	71
55) 4-Nitrophenol	14.945	109	34751	20.436	ng/ul	99
56) Dibenzofuran	15.162	168	218011	19.959	ng/ul	99
57) 2,4-Dinitrotoluene	15.109	165	50014	21.218	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.385	232	52152	21.206	ng/ul#	100
59) Diethylphthalate	15.573	149	189724	20.427	ng/ul	99
61) Fluorene	15.814	166	179877	19.867	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.802	204	98157	20.374	ng/ul	98
63) 4-Nitroaniline	15.814	138	38894m	23.586	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.873	198	30536	20.773	ng/ul	94
67) N-Nitrosodiphenylamine	16.008	169	160695	20.132	ng/ul	95
68) 4-Bromophenyl-phenylether	16.695	248	61052	20.886	ng/ul	90
69) Hexachlorobenzene	16.819	284	77456	20.513	ng/ul	95
70) Atrazine	16.954	200	68963	21.081	ng/ul	99
71) Pentachlorophenol	17.159	266	45904m	19.992	ng/ul	
72) Phenanthrene	17.553	178	317085	20.465	ng/ul	98
74) Anthracene	17.647	178	311743	20.125	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.576	216	89909	20.448	ng/uL	95
76) Pentachlorobenzene	15.092	250	86847	20.587	ng/uL	95
77) Carbazole	17.906	167	284450	20.778	ng/ul	98
78) Di-n-butylphthalate	18.469	149	333829	20.506	ng/ul	99
80) Fluoranthene	19.556	202	412310	20.630	ng/ul	99
82) Pyrene	19.920	202	400917	20.182	ng/ul	96
83) Butylbenzylphthalate	20.802	149	142207	20.590	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.689	252	145022	21.343	ng/ul	95
85) Benzo(a)anthracene	21.777	228	386548	19.756	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.683	149	196975	20.591	ng/ul	99
87) Chrysene	21.847	228	377500	20.227	ng/ul	98
89) Di-n-octyl phthalate	22.934	149	331442	20.804	ng/ul	100
90) Benzo(b)fluoranthene	24.062	252	401755	20.341	ng/ul	99
91) Benzo(k)fluoranthene	24.132	252	369214	20.255	ng/ul	99
93) Benzo(a)pyrene	24.961	252	377362	20.236	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.902	276	423792	20.095	ng/ul	98
95) Dibenzo(a,h)anthracene	28.973	278	365764	20.406	ng/ul	99
96) Benzo(g,h,i)perylene	30.095	276	352390	19.767	ng/ul	99

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

