

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062122\
 Data File : BG053970.D
 Acq On : 21 Jun 2022 9:38
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020566

Quant Time: Jun 21 23:06:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/22/2022
 Supervised By :mohammad ahmed 06/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.080	152	20390	20.000	ng/u1	0.00
20) Naphthalene-d8	10.888	136	81218	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.701	164	60214	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	164368	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.723	240	183492	20.000	ng/u1	# 0.00
88) Perylene-d12	24.978	264	190257	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.503	96	3333	7.778	ng/uL	0.00
4) Pyridine-d5	3.920	84	23040	19.767	ng/u1	0.00
7) Phenol-d5	7.234	99	30241	20.702	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	18037	20.469	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	24575	21.097	ng/u1	0.00
15) 4-Methylphenol-d8	8.779	113	25576	20.534	ng/u1	0.00
21) Nitrobenzene-d5	9.237	128	12190	20.221	ng/u1	0.00
24) 2-Nitrophenol-d4	9.960	143	14140	22.076	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.506	165	28043	19.788	ng/u1	0.00
31) 4-Chloroaniline-d4	11.012	131	35384	19.764	ng/u1	0.00
46) Dimethylphthalate-d6	14.102	166	95651	20.192	ng/u1	0.00
49) Acenaphthylene-d8	14.396	160	104280	20.245	ng/u1	0.00
54) 4-Nitrophenol-d4	14.884	143	13668	21.073	ng/u1	0.00
60) Fluorene-d10	15.694	176	86079	20.230	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	17145	19.121	ng/u1	0.00
73) Anthracene-d10	17.545	188	151401	20.396	ng/u1	0.00
81) Pyrene-d10	19.825	212	197790	20.674	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.754	264	195670	20.374	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.538	88	4116	8.802	ng/uL#	75
5) Pyridine	3.938	79	24601	20.352	ng/u1	90
6) Benzaldehyde	7.210	77	18193m	24.458	ng/u1	
8) Phenol	7.257	94	31237	20.494	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.492	93	23860	20.666	ng/u1	87
12) 2-Chlorophenol	7.639	128	25272	21.249	ng/u1	97
13) 2-Methylphenol	8.515	108	24714	20.888	ng/u1	85
14) 2,2'-oxybis(1-Chloropr...	8.603	45	36364	21.204	ng/u1	97
16) Acetophenone	8.897	105	39680	20.600	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.879	70	20183	20.554	ng/u1	96
18) 4-Methylphenol	8.838	108	26030	20.566	ng/u1	99
19) Hexachloroethane	9.167	117	10147	20.134	ng/u1	85
22) Nitrobenzene	9.278	77	29412	20.483	ng/u1	94
23) Isophorone	9.801	82	54893	19.717	ng/u1	98
25) 2-Nitrophenol	9.995	139	14227	21.182	ng/u1	94
26) 2,4-Dimethylphenol	10.048	107	29651	20.217	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.283	93	31643	20.190	ng/u1	98
29) 2,4-Dichlorophenol	10.530	162	29076	20.517	ng/u1	96
30) Naphthalene	10.935	128	81460	20.219	ng/u1	100
32) 4-Chloroaniline	11.035	127	34824	19.615	ng/u1	96
33) Hexachlorobutadiene	11.229	225	26802	19.362	ng/u1	97
34) Caprolactam	11.787	113	8167	19.312	ng/u1	87
35) 4-Chloro-3-methylphenol	12.157	107	27795	20.395	ng/u1	98
36) 2-Methylnaphthalene	12.539	142	58916	19.768	ng/u1	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	60402	20.322	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.904	216	50290	20.547	ng/ul	97
40) Hexachlorocyclopentadiene	12.886	237	23962	17.457	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.139	196	27552	21.690	ng/ul	97
42) 2,4,5-Trichlorophenol	13.209	196	30168	21.007	ng/ul	99
43) 1,1'-Biphenyl	13.538	154	86117	20.635	ng/ul	99
44) 2-Chloronaphthalene	13.579	162	70083	20.222	ng/ul	99
45) 2-Nitroaniline	13.773	65	18876	21.649	ng/ul	99
47) Dimethylphthalate	14.149	163	93207	20.472	ng/ul	98
48) 2,6-Dinitrotoluene	14.267	165	19736	21.554	ng/ul	91
50) Acenaphthylene	14.425	152	109698	20.741	ng/ul	99
51) 3-Nitroaniline	14.596	138	16119	21.685	ng/ul#	96
52) Acenaphthene	14.766	153	72959	20.657	ng/ul	99
53) 2,4-Dinitrophenol	14.801	184	7036	16.586	ng/ul#	61
55) 4-Nitrophenol	14.895	109	12650	19.896	ng/ul	92
56) Dibenzofuran	15.101	168	110471	20.442	ng/ul	97
57) 2,4-Dinitrotoluene	15.054	165	28254	21.272	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.324	232	28285	22.667	ng/ul#	94
59) Diethylphthalate	15.506	149	92393	20.697	ng/ul	95
61) Fluorene	15.747	166	90568	20.577	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.736	204	56747	20.278	ng/ul	95
63) 4-Nitroaniline	15.753	138	16124	22.559	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.818	198	16502	19.173	ng/ul	98
67) N-Nitrosodiphenylamine	15.947	169	82474	20.524	ng/ul	95
68) 4-Bromophenyl-phenylether	16.629	248	40391	19.783	ng/ul	98
69) Hexachlorobenzene	16.758	284	46164	19.292	ng/ul#	88
70) Atrazine	16.893	200	39935	20.233	ng/ul	96
71) Pentachlorophenol	17.099	266	21165	20.867	ng/ul	94
72) Phenanthrene	17.486	178	164986	20.260	ng/ul	98
74) Anthracene	17.580	178	165805	20.203	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.509	216	53262	19.025	ng/ul	94
76) Pentachlorobenzene	15.025	250	50266	19.522	ng/ul	95
77) Carbazole	17.845	167	141030	20.843	ng/ul	99
78) Di-n-butylphthalate	18.403	149	162986	21.157	ng/ul	99
80) Fluoranthene	19.496	202	222079	20.793	ng/ul#	94
82) Pyrene	19.854	202	220336	20.750	ng/ul#	95
83) Butylbenzylphthalate	20.736	149	68768	21.490	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.611	252	85286	22.460	ng/ul	95
85) Benzo(a)anthracene	21.699	228	231184	20.440	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.611	149	101017	21.603	ng/ul	97
87) Chrysene	21.770	228	223026	20.554	ng/ul	99
89) Di-n-octyl phthalate	22.833	149	174251	21.326	ng/ul	100
90) Benzo(b)fluoranthene	23.944	252	234391	19.952	ng/ul#	98
91) Benzo(k)fluoranthene	24.008	252	233286	20.739	ng/ul	98
93) Benzo(a)pyrene	24.825	252	231127	20.424	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.703	276	277651	20.393	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.761	278	236448	20.636	ng/ul#	98
96) Benzo(g,h,i)perylene	29.860	276	235588	20.493	ng/ul#	96

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

