

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058137.D
 Acq On : 10 Jul 2023 11:24
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020506

Quant Time: Jul 11 00:49:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	39335	20.000	ng/u1	0.00
20) Naphthalene-d8	10.778	136	180105	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.603	164	128590	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.341	188	309674	20.000	ng/u1	0.00
79) Chrysene-d12	21.601	240	278774	20.000	ng/u1	0.00
88) Perylene-d12	24.785	264	333517	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	8718	7.761	ng/uL	0.00
4) Pyridine-d5	3.810	84	65376	19.170	ng/u1	0.00
7) Phenol-d5	7.130	99	77081	19.188	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.294	67	46782	19.325	ng/u1	0.00
11) 2-Chlorophenol-d4	7.506	132	52069	18.794	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	58254	19.219	ng/u1	0.00
21) Nitrobenzene-d5	9.133	128	28475	19.398	ng/u1	0.00
24) 2-Nitrophenol-d4	9.856	143	31194	20.219	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.396	165	59738	20.185	ng/u1	0.00
31) 4-Chloroaniline-d4	10.913	131	88433	19.708	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	195815	19.300	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	223448	20.182	ng/u1	0.00
54) 4-Nitrophenol-d4	14.797	143	31620	17.640	ng/u1	0.00
60) Fluorene-d10	15.590	176	173231	20.104	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.708	200	32826	19.521	ng/u1	0.00
73) Anthracene-d10	17.441	188	287248	19.990	ng/u1	0.00
81) Pyrene-d10	19.727	212	327449	18.650	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.568	264	330390	19.444	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	9933	7.158	ng/uL	97
5) Pyridine	3.833	79	68712	19.665	ng/u1	95
6) Benzaldehyde	7.112	77	22245	16.582	ng/u1	98
8) Phenol	7.159	94	78785	19.327	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.388	93	60093	19.092	ng/u1	98
12) 2-Chlorophenol	7.535	128	55915	19.394	ng/u1	98
13) 2-Methylphenol	8.410	108	60952	19.039	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.499	45	94161	19.434	ng/u1	97
16) Acetophenone	8.792	105	100527	19.990	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.769	70	53265	19.813	ng/u1#	95
18) 4-Methylphenol	8.739	108	68795	19.873	ng/u1	99
19) Hexachloroethane	9.057	117	21410	19.371	ng/u1	98
22) Nitrobenzene	9.174	77	73745	19.352	ng/u1	100
23) Isophorone	9.691	82	157809	19.407	ng/u1	99
25) 2-Nitrophenol	9.891	139	33093	19.990	ng/u1	97
26) 2,4-Dimethylphenol	9.944	107	73937	19.862	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.173	93	88909	19.404	ng/u1	98
29) 2,4-Dichlorophenol	10.426	162	58632	20.376	ng/u1	97
30) Naphthalene	10.825	128	198784	19.640	ng/u1	99
32) 4-Chloroaniline	10.937	127	92135	20.081	ng/u1	100
33) Hexachlorobutadiene	11.107	225	39834	19.553	ng/u1	96
34) Caprolactam	11.683	113	22189m	19.180	ng/u1	
35) 4-Chloro-3-methylphenol	12.053	107	72543	20.523	ng/u1	98
36) 2-Methylnaphthalene	12.429	142	135187	19.814	ng/u1	95

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37) 1-Methylnaphthalene	12.652	142	136393	19.935	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.799	216	77656	19.817	ng/ul	98
40) Hexachlorocyclopentadiene	12.776	237	56432	22.863	ng/ul	99
41) 2,4,6-Trichlorophenol	13.034	196	54161	20.392	ng/ul	99
42) 2,4,5-Trichlorophenol	13.111	196	57265	19.937	ng/ul	100
43) 1,1'-Biphenyl	13.434	154	185672	20.036	ng/ul	99
44) 2-Chloronaphthalene	13.481	162	146757	19.733	ng/ul	100
45) 2-Nitroaniline	13.681	65	51636	19.969	ng/ul	98
47) Dimethylphthalate	14.051	163	200579	19.677	ng/ul	99
48) 2,6-Dinitrotoluene	14.174	165	40702	19.453	ng/ul#	95
50) Acenaphthylene	14.327	152	239457	20.028	ng/ul	100
51) 3-Nitroaniline	14.503	138	29652	16.770	ng/ul#	91
52) Acenaphthene	14.662	153	165982	20.232	ng/ul	97
53) 2,4-Dinitrophenol	14.715	184	19824	18.174	ng/ul	94
55) 4-Nitrophenol	14.815	109	23771	17.901	ng/ul	92
56) Dibenzofuran	14.997	168	236607	20.288	ng/ul	98
57) 2,4-Dinitrotoluene	14.962	165	58889	19.865	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.226	232	51335	19.632	ng/ul#	99
59) Diethylphthalate	15.408	149	205525	19.318	ng/ul	99
61) Fluorene	15.649	166	194187	20.293	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.637	204	103719	20.485	ng/ul	99
63) 4-Nitroaniline	15.661	138	20481m	12.930	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.719	198	33452	19.453	ng/ul	94
67) N-Nitrosodiphenylamine	15.849	169	164148	19.917	ng/ul	99
68) 4-Bromophenyl-phenylether	16.530	248	69152	20.343	ng/ul	99
69) Hexachlorobenzene	16.648	284	77973	20.488	ng/ul	98
70) Atrazine	16.795	200	64662	19.187	ng/ul	98
71) Pentachlorophenol	16.994	266	41043	17.963	ng/ul	94
72) Phenanthrene	17.382	178	316909	20.118	ng/ul	100
74) Anthracene	17.476	178	317181	19.898	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.399	216	83641	20.366	ng/uL	95
76) Pentachlorobenzene	14.920	250	88823	20.250	ng/uL	97
77) Carbazole	17.747	167	287432	19.938	ng/ul	99
78) Di-n-butylphthalate	18.299	149	362298	19.728	ng/ul	99
80) Fluoranthene	19.392	202	377224	18.542	ng/ul	100
82) Pyrene	19.756	202	385738	18.836	ng/ul	99
83) Butylbenzylphthalate	20.637	149	158134	19.043	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.495	252	128091	18.980	ng/ul	100
85) Benzo(a)anthracene	21.577	228	381093	19.039	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.477	149	231257	19.433	ng/ul	99
87) Chrysene	21.648	228	372861	19.871	ng/ul	99
89) Di-n-octyl phthalate	22.676	149	405428	19.785	ng/ul	100
90) Benzo(b)fluoranthene	23.769	252	391724	18.969	ng/ul	97
91) Benzo(k)fluoranthene	23.839	252	400612	19.792	ng/ul	99
93) Benzo(a)pyrene	24.638	252	355232	19.435	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.422	276	472575	19.470	ng/ul	100
95) Dibenzo(a,h)anthracene	28.487	278	393036	19.638	ng/ul	98
96) Benzo(g,h,i)perylene	29.562	276	376818	19.008	ng/ul	97

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

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