

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070823\
 Data File : BG058084.D
 Acq On : 8 Jul 2023 8:09
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020501

Quant Time: Jul 09 00:49:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:01:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2023
 Supervised By :mohammad ahmed 07/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	33103	20.000	ng/u1	0.00
20) Naphthalene-d8	10.720	136	147571	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.556	164	105795	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.300	188	277283	20.000	ng/u1	0.00
79) Chrysene-d12	21.554	240	266968	20.000	ng/u1	0.00
88) Perylene-d12	24.703	264	329840	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	8417	8.904	ng/uL	0.00
4) Pyridine-d5	3.763	84	63406	22.093	ng/u1	0.00
7) Phenol-d5	7.077	99	70469	20.845	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.241	67	43181	21.195	ng/u1	0.00
11) 2-Chlorophenol-d4	7.447	132	48822	20.939	ng/u1	0.00
15) 4-Methylphenol-d8	8.622	113	51067	20.019	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	25345	21.072	ng/u1	0.00
24) 2-Nitrophenol-d4	9.797	143	28061	22.198	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.344	165	52638	21.707	ng/u1	0.00
31) 4-Chloroaniline-d4	10.855	131	82574	22.459	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	178697	21.408	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	200333	21.993	ng/u1	0.00
54) 4-Nitrophenol-d4	14.756	143	30934	20.975	ng/u1	0.00
60) Fluorene-d10	15.544	176	159019	22.431	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	30158	20.030	ng/u1	0.00
73) Anthracene-d10	17.394	188	283275	22.016	ng/u1	0.00
81) Pyrene-d10	19.686	212	347073	20.642	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.486	264	353212	21.019	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	9706	8.311	ng/uL	95
5) Pyridine	3.787	79	65519	22.281	ng/u1	97
6) Benzaldehyde	7.059	77	14271	12.640	ng/u1	91
8) Phenol	7.106	94	72209	21.049	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.335	93	55485	20.947	ng/u1	98
12) 2-Chlorophenol	7.482	128	49978	20.598	ng/u1	98
13) 2-Methylphenol	8.358	108	54287	20.149	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.440	45	87619	21.489	ng/u1	98
16) Acetophenone	8.740	105	92055	21.751	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.716	70	47719	21.092	ng/u1	97
18) 4-Methylphenol	8.687	108	59889	20.557	ng/u1	95
19) Hexachloroethane	8.998	117	19862	21.354	ng/u1	96
22) Nitrobenzene	9.122	77	66086	21.165	ng/u1	99
23) Isophorone	9.639	82	138629	20.807	ng/u1	99
25) 2-Nitrophenol	9.833	139	29165	21.501	ng/u1#	95
26) 2,4-Dimethylphenol	9.891	107	66291	21.734	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.126	93	79143	21.080	ng/u1	99
29) 2,4-Dichlorophenol	10.367	162	51641	21.903	ng/u1	95
30) Naphthalene	10.773	128	179124	21.599	ng/u1	99
32) 4-Chloroaniline	10.878	127	86186	22.926	ng/u1	99
33) Hexachlorobutadiene	11.055	225	35869	21.489	ng/u1	95
34) Caprolactam	11.625	113	20203m	21.313	ng/u1	
35) 4-Chloro-3-methylphenol	12.006	107	64717	22.345	ng/u1	97
36) 2-Methylnaphthalene	12.377	142	119544	21.384	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.600	142	122648	21.878	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.747	216	69817	21.655	ng/ul	99
40) Hexachlorocyclopentadiene	12.723	237	37168	18.303	ng/ul	97
41) 2,4,6-Trichlorophenol	12.988	196	47899	21.920	ng/ul	97
42) 2,4,5-Trichlorophenol	13.064	196	51084	21.617	ng/ul	96
43) 1,1'-Biphenyl	13.387	154	164655	21.597	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	131669	21.519	ng/ul	98
45) 2-Nitroaniline	13.634	65	46969	22.078	ng/ul	95
47) Dimethylphthalate	14.004	163	182493	21.761	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	37250	21.639	ng/ul	91
50) Acenaphthylene	14.274	152	214776	21.835	ng/ul	99
51) 3-Nitroaniline	14.457	138	26579	18.271	ng/ul#	94
52) Acenaphthene	14.615	153	146514	21.706	ng/ul	98
53) 2,4-Dinitrophenol	14.662	184	16698	18.606	ng/ul	96
55) 4-Nitrophenol	14.768	109	24375	22.311	ng/ul	91
56) Dibenzofuran	14.950	168	211935	22.088	ng/ul	99
57) 2,4-Dinitrotoluene	14.915	165	57508	23.579	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.179	232	49077	22.813	ng/ul	99
59) Diethylphthalate	15.367	149	192413	21.982	ng/ul	99
61) Fluorene	15.602	166	178533	22.678	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.591	204	94471	22.679	ng/ul	98
63) 4-Nitroaniline	15.614	138	21111m	16.200	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.679	198	32157	20.885	ng/ul	97
67) N-Nitrosodiphenylamine	15.808	169	154169	20.892	ng/ul	98
68) 4-Bromophenyl-phenylether	16.489	248	64576	21.216	ng/ul	96
69) Hexachlorobenzene	16.601	284	74529	21.871	ng/ul	99
70) Atrazine	16.754	200	65007	21.542	ng/ul	97
71) Pentachlorophenol	16.948	266	38268	18.705	ng/ul	93
72) Phenanthrene	17.341	178	304413	21.583	ng/ul	99
74) Anthracene	17.430	178	310503	21.754	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.352	216	74090	20.147	ng/uL	95
76) Pentachlorobenzene	14.874	250	80143	20.406	ng/uL	96
77) Carbazole	17.700	167	294450	22.810	ng/ul	99
78) Di-n-butylphthalate	18.258	149	370912	22.557	ng/ul	99
80) Fluoranthene	19.351	202	397210	20.388	ng/ul	100
82) Pyrene	19.715	202	401069	20.451	ng/ul	99
83) Butylbenzylphthalate	20.596	149	163786	20.595	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.448	252	137888	21.335	ng/ul	96
85) Benzo(a)anthracene	21.531	228	406784	21.221	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.437	149	239326	21.000	ng/ul	98
87) Chrysene	21.595	228	391374	21.780	ng/ul	99
89) Di-n-octyl phthalate	22.618	149	417254	20.589	ng/ul	100
90) Benzo(b)fluoranthene	23.699	252	427199	20.918	ng/ul	98
91) Benzo(k)fluoranthene	23.763	252	420972	21.030	ng/ul	99
93) Benzo(a)pyrene	24.556	252	375841	20.792	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.293	276	502425	20.931	ng/ul	97
95) Dibenzo(a,h)anthracene	28.358	278	421268	21.283	ng/ul	97
96) Benzo(g,h,i)perylene	29.415	276	406000	20.708	ng/ul	98

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

