

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058377.D
 Acq On : 21 Jul 2023 3:19
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020529

Quant Time: Jul 21 03:56:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	48467	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	237685	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	178714	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	403125	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	338483	20.000	ng/u1	0.00
88) Perylene-d12	24.669	264	424196	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	9417	7.151	ng/uL	0.00
4) Pyridine-d5	3.746	84	79568	20.357	ng/u1	0.00
7) Phenol-d5	7.060	99	95327	20.733	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.219	67	54317	18.901	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	63839	19.836	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	71518	20.393	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	34372	19.293	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	38880	19.990	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	75717	20.308	ng/u1	0.00
31) 4-Chloroaniline-d4	10.832	131	103913	19.225	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	231478	16.797	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	274613	19.015	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	31511	15.140	ng/u1	0.00
60) Fluorene-d10	15.527	176	209561	18.367	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	28324	13.791	ng/u1	0.00
73) Anthracene-d10	17.377	188	330930	18.999	ng/u1	0.00
81) Pyrene-d10	19.669	212	371894	18.602	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.446	264	372169	18.152	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	10855	7.267	ng/uL#	93
5) Pyridine	3.764	79	83555	20.243	ng/u1	99
6) Benzaldehyde	7.037	77	27553m	14.839	ng/u1	
8) Phenol	7.089	94	98355	20.599	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.313	93	69840	19.093	ng/u1	96
12) 2-Chlorophenol	7.460	128	66838	19.840	ng/u1	98
13) 2-Methylphenol	8.341	108	75625	20.322	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.423	45	113347m	18.909	ng/u1	
16) Acetophenone	8.717	105	118141	19.781	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.699	70	59552	18.219	ng/u1	99
18) 4-Methylphenol	8.664	108	81990	20.273	ng/u1	99
19) Hexachloroethane	8.975	117	24851	18.714	ng/u1	96
22) Nitrobenzene	9.099	77	89178	18.770	ng/u1	99
23) Isophorone	9.616	82	180985	16.991	ng/u1	100
25) 2-Nitrophenol	9.810	139	41549	19.999	ng/u1	95
26) 2,4-Dimethylphenol	9.868	107	88234	19.047	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.104	93	101718	18.031	ng/u1	97
29) 2,4-Dichlorophenol	10.344	162	71621	20.239	ng/u1	96
30) Naphthalene	10.750	128	241525	19.011	ng/u1	99
32) 4-Chloroaniline	10.861	127	106005	19.189	ng/u1	98
33) Hexachlorobutadiene	11.026	225	47936	18.943	ng/u1	97
34) Caprolactam	11.608	113	25914m	17.631	ng/u1	
35) 4-Chloro-3-methylphenol	11.984	107	89804	19.940	ng/u1	99
36) 2-Methylnaphthalene	12.360	142	165348	19.426	ng/u1	96

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37) 1-Methylnaphthalene	12.577	142	169781	19.462	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.730	216	98452	19.030	ng/ul	98
40) Hexachlorocyclopentadiene	12.700	237	31076	11.168	ng/ul	98
41) 2,4,6-Trichlorophenol	12.965	196	67303	19.218	ng/ul	99
42) 2,4,5-Trichlorophenol	13.041	196	70778	18.953	ng/ul	98
43) 1,1'-Biphenyl	13.364	154	225628	18.671	ng/ul	99
44) 2-Chloronaphthalene	13.411	162	182891	19.035	ng/ul	98
45) 2-Nitroaniline	13.617	65	61863	18.536	ng/ul	99
47) Dimethylphthalate	13.987	163	233901	16.897	ng/ul	98
48) 2,6-Dinitrotoluene	14.111	165	50202	18.768	ng/ul	94
50) Acenaphthylene	14.257	152	293655	18.837	ng/ul	99
51) 3-Nitroaniline	14.440	138	38256	17.161	ng/ul	89
52) Acenaphthene	14.598	153	203312	18.784	ng/ul	100
53) 2,4-Dinitrophenol	14.651	184	11979	8.415	ng/ul	96
55) 4-Nitrophenol	14.751	109	24606	15.351	ng/ul	92
56) Dibenzofuran	14.933	168	286535	18.592	ng/ul	98
57) 2,4-Dinitrotoluene	14.898	165	70752	18.339	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.162	232	61008	17.682	ng/ul#	97
59) Diethylphthalate	15.344	149	243901	17.103	ng/ul	98
61) Fluorene	15.579	166	231561	18.322	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.574	204	122958	18.326	ng/ul	98
63) 4-Nitroaniline	15.603	138	26054m	12.917	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.662	198	29041	13.744	ng/ul	96
67) N-Nitrosodiphenylamine	15.785	169	193442	19.358	ng/ul	99
68) 4-Bromophenyl-phenylether	16.467	248	81625	19.116	ng/ul	95
69) Hexachlorobenzene	16.584	284	92509	19.200	ng/ul	97
70) Atrazine	16.731	200	74357	18.979	ng/ul	96
71) Pentachlorophenol	16.931	266	36249m	13.403	ng/ul	
72) Phenanthrene	17.319	178	362293	18.911	ng/ul	98
74) Anthracene	17.413	178	366470	19.055	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.335	216	103454	20.460	ng/uL	96
76) Pentachlorobenzene	14.851	250	111420	20.150	ng/uL	96
77) Carbazole	17.683	167	329823	19.784	ng/ul	99
78) Di-n-butylphthalate	18.235	149	412921	19.492	ng/ul	100
80) Fluoranthene	19.334	202	428628	18.715	ng/ul	99
82) Pyrene	19.698	202	433156	18.666	ng/ul	100
83) Butylbenzylphthalate	20.579	149	182600	19.983	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.431	252	147889	19.573	ng/ul	98
85) Benzo(a)anthracene	21.508	228	433201	19.041	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.414	149	260537	20.045	ng/ul	100
87) Chrysene	21.572	228	409458	18.974	ng/ul	99
89) Di-n-octyl phthalate	22.583	149	451389	19.999	ng/ul	100
90) Benzo(b)fluoranthene	23.664	252	454910	18.535	ng/ul	100
91) Benzo(k)fluoranthene	23.729	252	440906	18.012	ng/ul	99
93) Benzo(a)pyrene	24.516	252	399943	18.321	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.235	276	532797	18.524	ng/ul	99
95) Dibenzo(a,h)anthracene	28.288	278	439390	18.630	ng/ul	99
96) Benzo(g,h,i)perylene	29.352	276	415373	17.726	ng/ul	99

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

