

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG058001.D
 Acq On : 5 Jul 2023 00:35
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020492

Quant Time: Jul 05 02:33:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	65389	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	297259	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.571	164	197272	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.321	188	436040	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	361504	20.000	ng/u1	0.00
88) Perylene-d12	24.748	264	456165	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	14454	7.740	ng/uL	0.00
4) Pyridine-d5	3.784	84	109650	19.342	ng/u1	0.00
7) Phenol-d5	7.110	99	142804	21.385	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.268	67	80636	20.037	ng/u1	0.00
11) 2-Chlorophenol-d4	7.474	132	98410	21.367	ng/u1	0.00
15) 4-Methylphenol-d8	8.655	113	103747	20.590	ng/u1	0.00
21) Nitrobenzene-d5	9.101	128	51532	21.270	ng/u1	0.00
24) 2-Nitrophenol-d4	9.824	143	57330	22.515	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.370	165	110427	22.607	ng/u1	0.00
31) 4-Chloroaniline-d4	10.882	131	146102	19.728	ng/u1	0.00
46) Dimethylphthalate-d6	13.978	166	307663	19.766	ng/u1	0.00
49) Acenaphthylene-d8	14.272	160	365327	21.509	ng/u1	0.00
54) 4-Nitrophenol-d4	14.777	143	50078	18.210	ng/u1	0.00
60) Fluorene-d10	15.564	176	277411	20.986	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.688	200	47780	20.180	ng/u1	0.00
73) Anthracene-d10	17.415	188	429226	21.214	ng/u1	0.00
81) Pyrene-d10	19.707	212	471249	20.698	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.524	264	482189	20.748	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.408	88	16657	7.220	ng/uL	98
5) Pyridine	3.808	79	114382	19.692	ng/u1	98
6) Benzaldehyde	7.080	77	29336	13.154	ng/u1	97
8) Phenol	7.133	94	145235	21.432	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.356	93	104523	19.976	ng/u1	98
12) 2-Chlorophenol	7.503	128	102488	21.384	ng/u1	95
13) 2-Methylphenol	8.385	108	112298	21.101	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.473	45	167319m	20.774	ng/u1	
16) Acetophenone	8.761	105	170270	20.367	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.743	70	85626	19.160	ng/u1	99
18) 4-Methylphenol	8.714	108	121133	21.049	ng/u1	99
19) Hexachloroethane	9.025	117	39605	21.556	ng/u1	98
22) Nitrobenzene	9.142	77	130627	20.769	ng/u1	99
23) Isophorone	9.665	82	257070	19.155	ng/u1	99
25) 2-Nitrophenol	9.859	139	60219	22.040	ng/u1	97
26) 2,4-Dimethylphenol	9.918	107	129727	21.114	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.147	93	149142	19.721	ng/u1	97
29) 2,4-Dichlorophenol	10.394	162	105388	22.190	ng/u1	95
30) Naphthalene	10.799	128	348302	20.850	ng/u1	99
32) 4-Chloroaniline	10.905	127	150103	19.822	ng/u1	100
33) Hexachlorobutadiene	11.075	225	72865	21.671	ng/u1	98
34) Caprolactam	11.669	113	33030	17.298	ng/u1	91
35) 4-Chloro-3-methylphenol	12.033	107	124021	21.258	ng/u1	99
36) 2-Methylnaphthalene	12.403	142	235468	20.910	ng/u1	94

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37) 1-Methylnaphthalene	12.621	142	234502	20.766	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.768	216	139498	23.204	ng/ul	98
40) Hexachlorocyclopentadiene	12.744	237	54549	14.406	ng/ul	97
41) 2,4,6-Trichlorophenol	13.014	196	94751	23.254	ng/ul	97
42) 2,4,5-Trichlorophenol	13.085	196	102582	23.279	ng/ul	97
43) 1,1'-Biphenyl	13.408	154	310497	21.841	ng/ul	100
44) 2-Chloronaphthalene	13.455	162	254421	22.299	ng/ul	98
45) 2-Nitroaniline	13.655	65	85515	21.557	ng/ul	97
47) Dimethylphthalate	14.025	163	308959	19.757	ng/ul	100
48) 2,6-Dinitrotoluene	14.148	165	67923	21.161	ng/ul	94
50) Acenaphthylene	14.295	152	394266	21.496	ng/ul	99
51) 3-Nitroaniline	14.477	138	53433	19.698	ng/ul	97
52) Acenaphthene	14.642	153	268880	21.363	ng/ul	96
53) 2,4-Dinitrophenol	14.689	184	28343	16.937	ng/ul	95
55) 4-Nitrophenol	14.795	109	38902	19.096	ng/ul	83
56) Dibenzofuran	14.971	168	381789	21.339	ng/ul	98
57) 2,4-Dinitrotoluene	14.936	165	92342	20.305	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.200	232	86432	21.546	ng/ul	99
59) Diethylphthalate	15.388	149	316657	19.401	ng/ul	99
61) Fluorene	15.623	166	306372	20.870	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.611	204	162543	20.926	ng/ul	96
63) 4-Nitroaniline	15.641	138	30394	12.508	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.699	198	49961	20.634	ng/ul	99
67) N-Nitrosodiphenylamine	15.823	169	259151	22.332	ng/ul	99
68) 4-Bromophenyl-phenylether	16.504	248	110334	23.052	ng/ul	98
69) Hexachlorobenzene	16.622	284	120611	22.507	ng/ul	100
70) Atrazine	16.775	200	97240	20.492	ng/ul	96
71) Pentachlorophenol	16.969	266	67148	20.872	ng/ul	98
72) Phenanthrene	17.362	178	467215	21.065	ng/ul	99
74) Anthracene	17.450	178	471623	21.012	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.379	216	144807	25.041	ng/uL	99
76) Pentachlorobenzene	14.895	250	149762	24.248	ng/uL	98
77) Carbazole	17.721	167	429885	21.177	ng/ul	99
78) Di-n-butylphthalate	18.273	149	527063	20.383	ng/ul	100
80) Fluoranthene	19.372	202	547306	20.745	ng/ul	99
82) Pyrene	19.736	202	549953	20.709	ng/ul	100
83) Butylbenzylphthalate	20.617	149	230923	21.444	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.469	252	205441	23.474	ng/ul	98
85) Benzo(a)anthracene	21.551	228	550977	21.227	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	331927	21.509	ng/ul	98
87) Chrysene	21.622	228	520814	21.404	ng/ul	99
89) Di-n-octyl phthalate	22.644	149	591326	21.098	ng/ul	100
90) Benzo(b)fluoranthene	23.737	252	571632	20.239	ng/ul	99
91) Benzo(k)fluoranthene	23.802	252	572588	20.683	ng/ul	99
93) Benzo(a)pyrene	24.595	252	513966	20.559	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.361	276	637249m	19.196	ng/ul	
95) Dibenzo(a,h)anthracene	28.414	278	536084	19.583	ng/ul	97
96) Benzo(g,h,i)perylene	29.489	276	467658	17.247	ng/ul	99

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

