

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072623\
 Data File : BG058494.D
 Acq On : 27 Jul 2023 2:09
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020545

Quant Time: Jul 27 04:10:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 26 17:43:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/28/2023
 Supervised By :mohammad ahmed 07/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	83511	20.000	ng/u1	0.00
20) Naphthalene-d8	10.614	136	365306	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	257859	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.207	188	631269	20.000	ng/u1	0.00
79) Chrysene-d12	21.449	240	563613	20.000	ng/u1	0.00
88) Perylene-d12	24.516	264	665975	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.241	96	17902m	7.890	ng/uL	0.00
4) Pyridine-d5	3.652	84	113633	16.873	ng/u1	0.00
7) Phenol-d5	6.983	99	148017	18.684	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	93436	18.870	ng/u1	0.00
11) 2-Chlorophenol-d4	7.348	132	108284	19.527	ng/u1	0.00
15) 4-Methylphenol-d8	8.529	113	107827	17.844	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	54744	19.993	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	61120	20.446	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.238	165	112568	19.644	ng/u1	0.00
31) 4-Chloroaniline-d4	10.756	131	155515	18.720	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	344218	17.311	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	397886	19.094	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	47332	15.762	ng/u1	0.00
60) Fluorene-d10	15.456	176	311315	18.911	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	53514	16.639	ng/u1	0.00
73) Anthracene-d10	17.307	188	514761	18.872	ng/u1	0.00
81) Pyrene-d10	19.598	212	617746	18.557	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.304	264	600603	18.659	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.276	88	20307m	7.890	ng/uL	
5) Pyridine	3.670	79	130246	18.313	ng/u1	97
6) Benzaldehyde	6.954	77	62522	19.542	ng/u1	99
8) Phenol	7.013	94	154463	18.775	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.236	93	120837	19.173	ng/u1	99
12) 2-Chlorophenol	7.377	128	110817	19.091	ng/u1	98
13) 2-Methylphenol	8.264	108	116819	18.219	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.347	45	193058	18.692	ng/u1	96
16) Acetophenone	8.640	105	182893	17.772	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.623	70	97766	17.358	ng/u1	99
18) 4-Methylphenol	8.593	108	126739	18.188	ng/u1	98
19) Hexachloroethane	8.893	117	46743	20.429	ng/u1	89
22) Nitrobenzene	9.022	77	139546	19.110	ng/u1	98
23) Isophorone	9.539	82	287825	17.581	ng/u1	99
25) 2-Nitrophenol	9.733	139	65634	20.555	ng/u1	94
26) 2,4-Dimethylphenol	9.792	107	133397	18.737	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.027	93	161540	18.632	ng/u1	98
29) 2,4-Dichlorophenol	10.268	162	110644	20.343	ng/u1	94
30) Naphthalene	10.667	128	374503	19.180	ng/u1	100
32) 4-Chloroaniline	10.779	127	162997	19.197	ng/u1	99
33) Hexachlorobutadiene	10.949	225	81953	21.072	ng/u1	97
34) Caprolactam	11.531	113	38855m	17.200	ng/u1	
35) 4-Chloro-3-methylphenol	11.913	107	132650	19.164	ng/u1	97
36) 2-Methylnaphthalene	12.283	142	249338	19.060	ng/u1	100

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37) 1-Methylnaphthalene	12.501	142	247848	18.486	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.653	216	150946	20.222	ng/ul	98
40) Hexachlorocyclopentadiene	12.624	237	68654	17.101	ng/ul	99
41) 2,4,6-Trichlorophenol	12.894	196	101625	20.111	ng/ul	99
42) 2,4,5-Trichlorophenol	12.971	196	105547	19.588	ng/ul	97
43) 1,1'-Biphenyl	13.294	154	327952	18.809	ng/ul	99
44) 2-Chloronaphthalene	13.335	162	268400	19.360	ng/ul	96
45) 2-Nitroaniline	13.546	65	94216	19.565	ng/ul	98
47) Dimethylphthalate	13.916	163	348463	17.447	ng/ul	99
48) 2,6-Dinitrotoluene	14.040	165	77331	20.036	ng/ul	98
50) Acenaphthylene	14.181	152	424302	18.864	ng/ul	100
51) 3-Nitroaniline	14.375	138	55860	17.367	ng/ul	89
52) Acenaphthene	14.528	153	290596	18.608	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	45594	22.197	ng/ul	95
55) 4-Nitrophenol	14.686	109	36634	15.840	ng/ul	92
56) Dibenzofuran	14.862	168	417134	18.759	ng/ul	99
57) 2,4-Dinitrotoluene	14.833	165	111285	19.991	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.092	232	94451	18.972	ng/ul#	98
59) Diethylphthalate	15.280	149	361401	17.564	ng/ul	100
61) Fluorene	15.509	166	339657	18.626	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.503	204	185632	19.175	ng/ul	97
63) 4-Nitroaniline	15.538	138	46517m	15.983	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.597	198	52541	15.879	ng/ul	97
67) N-Nitrosodiphenylamine	15.720	169	292596	18.699	ng/ul	98
68) 4-Bromophenyl-phenylether	16.396	248	130130	19.462	ng/ul	95
69) Hexachlorobenzene	16.513	284	147001	19.484	ng/ul	98
70) Atrazine	16.666	200	119862	19.537	ng/ul	99
71) Pentachlorophenol	16.860	266	84023m	19.840	ng/ul	
72) Phenanthrene	17.248	178	559266	18.642	ng/ul	99
74) Anthracene	17.342	178	563171	18.700	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.258	216	157878	19.939	ng/uL	98
76) Pentachlorobenzene	14.780	250	169840	19.614	ng/uL	94
77) Carbazole	17.612	167	516083	19.768	ng/ul	99
78) Di-n-butylphthalate	18.164	149	663868	20.012	ng/ul	99
80) Fluoranthene	19.263	202	694538	18.212	ng/ul	99
82) Pyrene	19.627	202	699506	18.103	ng/ul	99
83) Butylbenzylphthalate	20.515	149	295848	19.444	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.349	252	219226	17.424	ng/ul	98
85) Benzo(a)anthracene	21.431	228	717812	18.948	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.331	149	420615	19.435	ng/ul	100
87) Chrysene	21.490	228	677767	18.862	ng/ul	98
89) Di-n-octyl phthalate	22.483	149	730689	20.621	ng/ul	100
90) Benzo(b)fluoranthene	23.541	252	703930	18.268	ng/ul	100
91) Benzo(k)fluoranthene	23.605	252	733143	19.077	ng/ul	99
93) Benzo(a)pyrene	24.369	252	634651	18.518	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.000	276	663771m	14.700	ng/ul	
95) Dibenzo(a,h)anthracene	28.059	278	552569m	14.923	ng/ul	
96) Benzo(g,h,i)perylene	29.093	276	474756m	12.905	ng/ul	

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

