

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091224\
 Data File : BG062756.D
 Acq On : 12 Sep 2024 9:10
 Operator : JU/RC
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020482

Quant Time: Sep 12 23:49:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 01:28:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
 Supervised By :mohammad ahmed 09/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	49440	20.000	ng/u1	0.00
20) Naphthalene-d8	10.691	136	237033	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	191911	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	518077	20.000	ng/u1	0.00
79) Chrysene-d12	21.525	240	552775	20.000	ng/u1	0.00
88) Perylene-d12	24.586	264	605354	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	9704	8.873	ng/uL	-0.01
4) Pyridine-d5	3.758	84	69588	19.988	ng/u1	-0.01
7) Phenol-d5	7.060	99	83575	19.278	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.224	67	49070	18.879	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.430	132	64433	20.404	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	68308	18.908	ng/u1	-0.01
21) Nitrobenzene-d5	9.051	128	31128	18.374	ng/u1	0.00
24) 2-Nitrophenol-d4	9.774	143	39656	21.404	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	83764	20.760	ng/u1	0.00
31) 4-Chloroaniline-d4	10.826	131	106107	19.131	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	277096	18.750	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	322999	19.679	ng/u1	0.00
54) 4-Nitrophenol-d4	14.727	143	47844	19.057	ng/u1	0.00
60) Fluorene-d10	15.520	176	258583	19.417	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	54564	18.310	ng/u1	0.00
73) Anthracene-d10	17.377	188	484118	19.800	ng/u1	0.00
81) Pyrene-d10	19.668	212	615750	19.795	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.375	264	633414	19.816	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	11047	9.012	ng/uL	95
5) Pyridine	3.781	79	72578	19.876	ng/u1	97
6) Benzaldehyde	7.036	77	57352m	24.061	ng/u1	
8) Phenol	7.089	94	86904	19.284	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.318	93	63239	18.563	ng/u1	99
12) 2-Chlorophenol	7.465	128	67006	20.753	ng/u1	92
13) 2-Methylphenol	8.341	108	63198	18.701	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.417	45	108239	17.652	ng/u1	98
16) Acetophenone	8.717	105	109802	18.700	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.699	70	57050	18.560	ng/u1	99
18) 4-Methylphenol	8.664	108	72459	19.058	ng/u1	98
19) Hexachloroethane	8.981	117	26500	20.388	ng/u1	93
22) Nitrobenzene	9.093	77	83291	18.174	ng/u1	98
23) Isophorone	9.615	82	171867	18.343	ng/u1	99
25) 2-Nitrophenol	9.803	139	43374	21.241	ng/u1	93
26) 2,4-Dimethylphenol	9.868	107	89325	20.471	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.097	93	99100	18.925	ng/u1	95
29) 2,4-Dichlorophenol	10.338	162	82997	20.885	ng/u1	94
30) Naphthalene	10.744	128	248845	19.580	ng/u1	99
32) 4-Chloroaniline	10.849	127	107848	19.552	ng/u1	96
33) Hexachlorobutadiene	11.031	225	69214	20.906	ng/u1	92
34) Caprolactam	11.590	113	26775m	18.280	ng/u1	
35) 4-Chloro-3-methylphenol	11.972	107	89470	20.638	ng/u1#	91
36) 2-Methylnaphthalene	12.353	142	185765	19.804	ng/u1	98

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37) 1-Methylnaphthalene	12.571	142	190706	19.848	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.724	216	132015	20.009	ng/ul	98
40) Hexachlorocyclopentadiene	12.706	237	62535	18.524	ng/ul	96
41) 2,4,6-Trichlorophenol	12.959	196	80736	20.203	ng/ul	98
42) 2,4,5-Trichlorophenol	13.035	196	89168	20.782	ng/ul	95
43) 1,1'-Biphenyl	13.364	154	265596	19.680	ng/ul	95
44) 2-Chloronaphthalene	13.405	162	218905	19.948	ng/ul	99
45) 2-Nitroaniline	13.605	65	58815	19.532	ng/ul	99
47) Dimethylphthalate	13.981	163	284175	18.672	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	54178	20.206	ng/ul	92
50) Acenaphthylene	14.251	152	337138	19.456	ng/ul	100
51) 3-Nitroaniline	14.427	138	55596	20.710	ng/ul	93
52) Acenaphthene	14.598	153	242568	19.762	ng/ul	98
53) 2,4-Dinitrophenol	14.639	184	30223	17.070	ng/ul	92
55) 4-Nitrophenol	14.739	109	44541	19.737	ng/ul	97
56) Dibenzofuran	14.927	168	358817	19.678	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	83173	19.840	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.156	232	88940	20.454	ng/ul	99
59) Diethylphthalate	15.350	149	282455	18.813	ng/ul	100
61) Fluorene	15.579	166	286316	19.989	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	165332	19.677	ng/ul	97
63) 4-Nitroaniline	15.591	138	59357	20.547	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.655	198	56763	18.375	ng/ul	97
67) N-Nitrosodiphenylamine	15.785	169	260738	19.624	ng/ul	97
68) 4-Bromophenyl-phenylether	16.466	248	115235	19.330	ng/ul	97
69) Hexachlorobenzene	16.584	284	135776	19.947	ng/ul	99
70) Atrazine	16.737	200	119430	20.182	ng/ul	100
71) Pentachlorophenol	16.930	266	77065	18.929	ng/ul	90
72) Phenanthrene	17.318	178	525894	19.520	ng/ul	100
74) Anthracene	17.412	178	538273	19.598	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.329	216	137435	19.425	ng/ul	98
76) Pentachlorobenzene	14.851	250	148231	18.907	ng/ul	98
77) Carbazole	17.677	167	471812	20.715	ng/ul	99
78) Di-n-butylphthalate	18.241	149	541693	20.110	ng/ul	99
80) Fluoranthene	19.334	202	690953	20.056	ng/ul	99
82) Pyrene	19.698	202	737432	19.885	ng/ul	99
83) Butylbenzylphthalate	20.591	149	235485	21.390	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.425	252	267069	22.948	ng/ul	98
85) Benzo(a)anthracene	21.507	228	764099	19.875	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.425	149	343469	21.189	ng/ul	99
87) Chrysene	21.566	228	727617	19.949	ng/ul	98
89) Di-n-octyl phthalate	22.583	149	579235	20.571	ng/ul	100
90) Benzo(b)fluoranthene	23.617	252	747221	19.992	ng/ul	98
91) Benzo(k)fluoranthene	23.681	252	736310	19.240	ng/ul	99
93) Benzo(a)pyrene	24.439	252	681266	19.325	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.035	276	871365	20.062	ng/ul	99
95) Dibenzo(a,h)anthracene	28.100	278	699272	20.044	ng/ul	99
96) Benzo(g,h,i)perylene	29.116	276	671909	20.030	ng/ul	98

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

