

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
 Data File : BG062255.D
 Acq On : 6 Aug 2024 3:40
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020590

Quant Time: Aug 06 04:40:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 06 02:21:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	57330	20.000	ng/u1	0.00
20) Naphthalene-d8	10.758	136	280250	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.582	164	214349	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.325	188	479081	20.000	ng/u1	0.00
79) Chrysene-d12	21.567	240	467550	20.000	ng/u1	0.00
88) Perylene-d12	24.662	264	532056	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	10999	8.273	ng/uL	0.00
4) Pyridine-d5	3.826	84	82291	19.674	ng/u1	0.00
7) Phenol-d5	7.115	99	112474	20.554	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.292	67	71706	21.288	ng/u1	0.00
11) 2-Chlorophenol-d4	7.491	132	86130	21.969	ng/u1	0.00
15) 4-Methylphenol-d8	8.660	113	97093	21.302	ng/u1	0.00
21) Nitrobenzene-d5	9.113	128	41424	23.971	ng/u1	0.00
24) 2-Nitrophenol-d4	9.835	143	42756	26.302	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.370	165	101228	21.440	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	140127	20.462	ng/u1	0.00
46) Dimethylphthalate-d6	13.994	166	328838	19.884	ng/u1	0.00
49) Acenaphthylene-d8	14.276	160	380818	20.309	ng/u1	0.00
54) 4-Nitrophenol-d4	14.758	143	52004	22.461	ng/u1	0.00
60) Fluorene-d10	15.575	176	300925	20.272	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	34143	24.064	ng/u1	0.00
73) Anthracene-d10	17.419	188	467278	20.222	ng/u1	0.00
81) Pyrene-d10	19.704	212	562850	20.254	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.451	264	573691	20.170	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.462	88	11093	7.390	ng/uL	95
5) Pyridine	3.849	79	86521	19.900	ng/u1	99
6) Benzaldehyde	7.098	77	66608m	23.033	ng/u1	
8) Phenol	7.145	94	120751	20.913	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.386	93	89405	20.894	ng/u1	95
12) 2-Chlorophenol	7.527	128	88240	21.184	ng/u1	97
13) 2-Methylphenol	8.396	108	90422	20.769	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.484	45	182304	20.852	ng/u1	99
16) Acetophenone	8.784	105	154226	21.248	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.772	70	83190	21.566	ng/u1	97
18) 4-Methylphenol	8.725	108	103855	21.302	ng/u1	94
19) Hexachloroethane	9.048	117	33446	21.607	ng/u1	91
22) Nitrobenzene	9.154	77	112381	22.868	ng/u1	98
23) Isophorone	9.683	82	234521	19.838	ng/u1	99
25) 2-Nitrophenol	9.871	139	48964	24.832	ng/u1	96
26) 2,4-Dimethylphenol	9.923	107	113725	20.150	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.170	93	132560	19.883	ng/u1	100
29) 2,4-Dichlorophenol	10.399	162	100944	21.095	ng/u1	99
30) Naphthalene	10.810	128	326664	20.506	ng/u1	99
32) 4-Chloroaniline	10.910	127	136441	20.385	ng/u1	97
33) Hexachlorobutadiene	11.104	225	71986	19.876	ng/u1	98
34) Caprolactam	11.656	113	34285m	20.483	ng/u1	
35) 4-Chloro-3-methylphenol	12.026	107	111147	20.698	ng/u1	98
36) 2-Methylnaphthalene	12.414	142	237388	21.630	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.632	142	243105	21.380	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.778	216	147281	21.046	ng/ul	98
40) Hexachlorocyclopentadiene	12.767	237	60978	22.421	ng/ul	95
41) 2,4,6-Trichlorophenol	13.013	196	92613	22.817	ng/ul	98
42) 2,4,5-Trichlorophenol	13.084	196	101007	23.097	ng/ul	96
43) 1,1'-Biphenyl	13.419	154	334254	20.582	ng/ul	100
44) 2-Chloronaphthalene	13.460	162	260252	20.624	ng/ul	98
45) 2-Nitroaniline	13.654	65	78801	24.518	ng/ul	94
47) Dimethylphthalate	14.041	163	331817	20.000	ng/ul	100
48) 2,6-Dinitrotoluene	14.153	165	57408	25.343	ng/ul	96
50) Acenaphthylene	14.306	152	404335	20.238	ng/ul	99
51) 3-Nitroaniline	14.476	138	59632	23.124	ng/ul#	93
52) Acenaphthene	14.646	153	304063	20.441	ng/ul	96
53) 2,4-Dinitrophenol	14.676	184	19537	21.691	ng/ul	96
55) 4-Nitrophenol	14.776	109	46317	22.364	ng/ul	96
56) Dibenzofuran	14.981	168	420665	20.471	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	82410	26.521	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.205	232	89414	22.706	ng/ul	98
59) Diethylphthalate	15.410	149	330927	19.754	ng/ul	99
61) Fluorene	15.628	166	321482	20.008	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	167607	20.232	ng/ul	96
63) 4-Nitroaniline	15.633	138	56656	22.797	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.698	198	38981	23.845	ng/ul	96
67) N-Nitrosodiphenylamine	15.833	169	291498	20.305	ng/ul	98
68) 4-Bromophenyl-phenylether	16.520	248	112663	20.640	ng/ul	98
69) Hexachlorobenzene	16.632	284	130146	20.496	ng/ul	96
70) Atrazine	16.785	200	114648	20.845	ng/ul	99
71) Pentachlorophenol	16.967	266	73247	21.907	ng/ul	98
72) Phenanthrene	17.366	178	544543	20.195	ng/ul	99
74) Anthracene	17.454	178	561330	20.283	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.383	216	151044	21.051	ng/ul	98
76) Pentachlorobenzene	14.899	250	154821	20.625	ng/ul	96
77) Carbazole	17.719	167	466069	20.535	ng/ul	100
78) Di-n-butylphthalate	18.300	149	558792	20.691	ng/ul	99
80) Fluoranthene	19.369	202	634270	20.185	ng/ul	99
82) Pyrene	19.734	202	678277	20.270	ng/ul	100
83) Butylbenzylphthalate	20.638	149	245954	21.296	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.467	252	233764	22.212	ng/ul	98
85) Benzo(a)anthracene	21.549	228	690150	20.156	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.490	149	370307	20.775	ng/ul	99
87) Chrysene	21.613	228	657358	20.336	ng/ul	98
89) Di-n-octyl phthalate	22.677	149	631783	20.845	ng/ul	100
90) Benzo(b)fluoranthene	23.687	252	654519	20.223	ng/ul	98
91) Benzo(k)fluoranthene	23.752	252	666219	20.234	ng/ul	99
93) Benzo(a)pyrene	24.521	252	619462	20.228	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.163	276	799393	20.144	ng/ul	97
95) Dibenzo(a,h)anthracene	28.228	278	657023	20.270	ng/ul	99
96) Benzo(g,h,i)perylene	29.244	276	613442	20.356	ng/ul	98

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

