

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080724\
 Data File : BG062310.D
 Acq On : 7 Aug 2024 20:53
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020595

Quant Time: Aug 08 00:06:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 01:46:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	54421	20.000	ng/u1	0.00
20) Naphthalene-d8	10.750	136	262432	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.580	164	221198	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.318	188	481172	20.000	ng/u1	0.00
79) Chrysene-d12	21.559	240	483383	20.000	ng/u1	0.00
88) Perylene-d12	24.643	264	556306	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	9892	7.838	ng/uL	0.00
4) Pyridine-d5	3.824	84	78403	19.746	ng/u1	0.00
7) Phenol-d5	7.108	99	107125	20.623	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.284	67	63502	19.860	ng/u1	0.00
11) 2-Chlorophenol-d4	7.490	132	76357	20.517	ng/u1	0.00
15) 4-Methylphenol-d8	8.653	113	88400	20.432	ng/u1	0.00
21) Nitrobenzene-d5	9.111	128	39687	24.525	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	42504	27.922	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.362	165	94673	21.413	ng/u1	0.00
31) 4-Chloroaniline-d4	10.879	131	124915	19.479	ng/u1	0.00
46) Dimethylphthalate-d6	13.987	166	309994	18.164	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	356786	18.438	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	48918	20.474	ng/u1	0.00
60) Fluorene-d10	15.567	176	287487	18.767	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	40562	28.464	ng/u1	0.00
73) Anthracene-d10	17.418	188	440632	18.986	ng/u1	0.00
81) Pyrene-d10	19.697	212	539488	18.777	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.432	264	563670	18.954	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.454	88	11492	8.065	ng/uL	89
5) Pyridine	3.842	79	81185	19.671	ng/u1	93
6) Benzaldehyde	7.096	77	61400m	22.367	ng/u1	
8) Phenol	7.137	94	113731	20.750	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.378	93	79383	19.543	ng/u1	98
12) 2-Chlorophenol	7.519	128	79670	20.149	ng/u1	91
13) 2-Methylphenol	8.389	108	83444	20.191	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.477	45	169311	20.401	ng/u1	100
16) Acetophenone	8.776	105	142260	20.647	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.765	70	74938	20.465	ng/u1	97
18) 4-Methylphenol	8.718	108	96909	20.940	ng/u1	93
19) Hexachloroethane	9.041	117	31289	21.294	ng/u1	98
22) Nitrobenzene	9.152	77	104989	22.815	ng/u1	96
23) Isophorone	9.675	82	213945	19.326	ng/u1	99
25) 2-Nitrophenol	9.863	139	48833	26.447	ng/u1	95
26) 2,4-Dimethylphenol	9.922	107	105688	19.997	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.163	93	121954	19.534	ng/u1	98
29) 2,4-Dichlorophenol	10.392	162	96588	21.555	ng/u1	97
30) Naphthalene	10.803	128	288162	19.318	ng/u1	99
32) 4-Chloroaniline	10.903	127	121388	19.367	ng/u1	98
33) Hexachlorobutadiene	11.097	225	64698	19.076	ng/u1	94
34) Caprolactam	11.655	113	34779m	22.189	ng/u1	
35) 4-Chloro-3-methylphenol	12.019	107	113939	22.659	ng/u1	98
36) 2-Methylnaphthalene	12.407	142	225807	21.972	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.624	142	230194	21.619	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.771	216	143494	19.870	ng/ul	99
40) Hexachlorocyclopentadiene	12.759	237	63962	22.790	ng/ul	98
41) 2,4,6-Trichlorophenol	13.006	196	89468	21.360	ng/ul	97
42) 2,4,5-Trichlorophenol	13.076	196	95458	21.152	ng/ul	98
43) 1,1'-Biphenyl	13.417	154	318736	19.019	ng/ul	99
44) 2-Chloronaphthalene	13.452	162	250108	19.206	ng/ul	99
45) 2-Nitroaniline	13.646	65	77731	23.436	ng/ul	97
47) Dimethylphthalate	14.034	163	315927	18.453	ng/ul	99
48) 2,6-Dinitrotoluene	14.146	165	58369	24.970	ng/ul#	91
50) Acenaphthylene	14.298	152	384550	18.651	ng/ul	98
51) 3-Nitroaniline	14.469	138	59134	22.221	ng/ul#	95
52) Acenaphthene	14.639	153	285292	18.585	ng/ul	97
53) 2,4-Dinitrophenol	14.674	184	23487	25.269	ng/ul#	87
55) 4-Nitrophenol	14.768	109	42636	19.950	ng/ul	97
56) Dibenzofuran	14.974	168	405828	19.138	ng/ul	100
57) 2,4-Dinitrotoluene	14.927	165	84791	26.443	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.197	232	86091	21.185	ng/ul	97
59) Diethylphthalate	15.403	149	315385	18.243	ng/ul	99
61) Fluorene	15.626	166	310122	18.703	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.620	204	159708	18.682	ng/ul	96
63) 4-Nitroaniline	15.626	138	54828	21.378	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.691	198	45538	27.734	ng/ul	100
67) N-Nitrosodiphenylamine	15.832	169	278150	19.291	ng/ul	99
68) 4-Bromophenyl-phenylether	16.513	248	108447	19.782	ng/ul	96
69) Hexachlorobenzene	16.625	284	122136	19.151	ng/ul	99
70) Atrazine	16.777	200	108772	19.691	ng/ul	98
71) Pentachlorophenol	16.965	266	70910	21.116	ng/ul	98
72) Phenanthrene	17.359	178	509637	18.818	ng/ul	99
74) Anthracene	17.447	178	525054	18.890	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.376	216	146131	20.278	ng/ul	99
76) Pentachlorobenzene	14.898	250	149231	19.794	ng/ul	97
77) Carbazole	17.711	167	436901	19.166	ng/ul	100
78) Di-n-butylphthalate	18.287	149	525418	19.371	ng/ul	99
80) Fluoranthene	19.362	202	607147	18.689	ng/ul	99
82) Pyrene	19.726	202	654239	18.911	ng/ul	98
83) Butylbenzylphthalate	20.625	149	229504	19.221	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.453	252	227536	20.912	ng/ul	97
85) Benzo(a)anthracene	21.536	228	671341	18.964	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.477	149	344965	18.720	ng/ul	99
87) Chrysene	21.600	228	638740	19.113	ng/ul	98
89) Di-n-octyl phthalate	22.652	149	592407	18.694	ng/ul	100
90) Benzo(b)fluoranthene	23.668	252	646294	19.099	ng/ul	99
91) Benzo(k)fluoranthene	23.733	252	633146	18.391	ng/ul	100
93) Benzo(a)pyrene	24.502	252	611198	19.088	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.133	276	758452	18.279	ng/ul	99
95) Dibenzo(a,h)anthracene	28.197	278	615648	18.166	ng/ul	99
96) Benzo(g,h,i)perylene	29.213	276	566464	17.978	ng/ul	99

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

