

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053122\
 Data File : BG053768.D
 Acq On : 31 May 2022 19:57
 Operator : CG/JU
 Sample : SSTD08025
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD080425

Quant Time: May 31 23:15:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG053122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 31 23:09:35 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/01/2022
 Supervised By :mohammad ahmed 06/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	22823	20.000	ng/u1	0.00
20) Naphthalene-d8	10.914	136	89598	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.727	164	60760	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.471	188	146120	20.000	ng/u1	0.00
79) Chrysene-d12	21.754	240	148345	20.000	ng/u1	0.00
88) Perylene-d12	25.033	264	153094	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	15697	24.294	ng/uL	0.00
4) Pyridine-d5	3.946	84	111949	69.402	ng/u1	0.00
7) Phenol-d5	7.254	99	139429	68.209	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.424	67	90213	72.259	ng/u1	0.00
11) 2-Chlorophenol-d4	7.636	132	112097	80.762	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	113910	76.927	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	48562	75.294	ng/u1	0.00
24) 2-Nitrophenol-d4	9.992	143	52231	76.780	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.532	165	121284	81.952	ng/u1	0.00
31) 4-Chloroaniline-d4	11.043	131	161108	82.367	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	378943	81.181	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	420912	74.207	ng/u1	0.00
54) 4-Nitrophenol-d4	14.909	143	56824	72.404	ng/u1	0.02
60) Fluorene-d10	15.720	176	326305	79.614	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.832	200	54257	72.965	ng/u1	0.01
73) Anthracene-d10	17.571	188	518226	76.162	ng/u1	0.00
81) Pyrene-d10	19.851	212	642800	77.458	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.815	264	637018	80.529	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.564	88	16806	21.229	ng/uL#	83
5) Pyridine	3.969	79	116346	66.752	ng/u1	93
6) Benzaldehyde	7.236	77	55705	40.991	ng/u1	95
8) Phenol	7.277	94	150265	76.272	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.518	93	114637	77.132	ng/u1	92
12) 2-Chlorophenol	7.671	128	113627	80.124	ng/u1	99
13) 2-Methylphenol	8.540	108	115776	75.612	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.634	45	192235	79.574	ng/u1	98
16) Acetophenone	8.928	105	176209	76.278	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.922	70	95124	70.635	ng/u1	93
18) 4-Methylphenol	8.869	108	119088	74.651	ng/u1	95
19) Hexachloroethane	9.198	117	47106	74.865	ng/u1	90
22) Nitrobenzene	9.310	77	124155	65.881	ng/u1	94
23) Isophorone	9.845	82	265473	73.698	ng/u1	99
25) 2-Nitrophenol	10.021	139	56404	79.957	ng/u1	96
26) 2,4-Dimethylphenol	10.074	107	136877	78.306	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.315	93	154143	76.950	ng/u1	97
29) 2,4-Dichlorophenol	10.556	162	119459	83.022	ng/u1	98
30) Naphthalene	10.967	128	364886	78.695	ng/u1	99
32) 4-Chloroaniline	11.067	127	156935	81.652	ng/u1	100
33) Hexachlorobutadiene	11.261	225	97115	82.642	ng/u1	97
34) Caprolactam	11.848	113	33144m	76.481	ng/u1	
35) 4-Chloro-3-methylphenol	12.177	107	121962	78.138	ng/u1	96
36) 2-Methylnaphthalene	12.565	142	254868	77.889	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.783	142	254343	76.778	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.929	216	172980	86.132	ng/ul	96
40) Hexachlorocyclopentadiene	12.918	237	122749	88.287	ng/ul	94
41) 2,4,6-Trichlorophenol	13.164	196	102231	83.304	ng/ul	94
42) 2,4,5-Trichlorophenol	13.235	196	104823	79.096	ng/ul	95
43) 1,1'-Biphenyl	13.564	154	352288	81.137	ng/ul	99
44) 2-Chloronaphthalene	13.611	162	272223	78.299	ng/ul	97
45) 2-Nitroaniline	13.799	65	73903	72.515	ng/ul	99
47) Dimethylphthalate	14.181	163	353490	79.355	ng/ul	98
48) 2,6-Dinitrotoluene	14.293	165	64915	80.446	ng/ul	99
50) Acenaphthylene	14.451	152	440872	80.479	ng/ul	99
51) 3-Nitroaniline	14.616	138	53246	65.373	ng/ul#	96
52) Acenaphthene	14.792	153	297915	83.246	ng/ul	100
53) 2,4-Dinitrophenol	14.821	184	32338	64.508	ng/ul#	67
55) 4-Nitrophenol	14.921	109	52327	63.353	ng/ul	96
56) Dibenzofuran	15.127	168	424798	80.067	ng/ul	100
57) 2,4-Dinitrotoluene	15.080	165	92328	80.641	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.344	232	104400	87.395	ng/ul	99
59) Diethylphthalate	15.544	149	368715	81.729	ng/ul	99
61) Fluorene	15.773	166	340338	77.389	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.767	204	195430	83.513	ng/ul	99
63) 4-Nitroaniline	15.785	138	47957	59.873	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.844	198	53366	73.349	ng/ul	94
67) N-Nitrosodiphenylamine	15.973	169	318476	80.612	ng/ul	95
68) 4-Bromophenyl-phenylether	16.660	248	134522	92.979	ng/ul	96
69) Hexachlorobenzene	16.778	284	149601	80.047	ng/ul	97
70) Atrazine	16.925	200	141771	87.561	ng/ul	99
71) Pentachlorophenol	17.119	266	93678	82.428	ng/ul	89
72) Phenanthrene	17.512	178	594969	77.582	ng/ul	99
74) Anthracene	17.606	178	593069	77.353	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.529	216	187261	86.047	ng/ul	97
76) Pentachlorobenzene	15.050	250	171443	82.112	ng/ul	97
77) Carbazole	17.871	167	532653	78.610	ng/ul	99
78) Di-n-butylphthalate	18.435	149	636832	79.035	ng/ul	99
80) Fluoranthene	19.522	202	748161	76.503	ng/ul	98
82) Pyrene	19.886	202	718914	73.960	ng/ul	99
83) Butylbenzylphthalate	20.773	149	277173	82.014	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.643	252	262690	79.007	ng/ul	95
85) Benzo(a)anthracene	21.737	228	751214	78.461	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.654	149	395395	84.470	ng/ul	99
87) Chrysene	21.801	228	722673	79.134	ng/ul	98
89) Di-n-octyl phthalate	22.894	149	686998	86.154	ng/ul	100
90) Benzo(b)fluoranthene	23.993	252	784985	79.407	ng/ul	100
91) Benzo(k)fluoranthene	24.063	252	737506	80.836	ng/ul	99
93) Benzo(a)pyrene	24.892	252	753693	80.754	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.793	276	890145	84.332	ng/ul	98
95) Dibenzo(a,h)anthracene	28.864	278	755927	84.260	ng/ul	99
96) Benzo(g,h,i)perylene	29.968	276	754643	84.576	ng/ul	99

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

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