

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113021\
 Data File : BG051273.D
 Acq On : 30 Nov 2021 10:01
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020566

Quant Time: Nov 30 10:39:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 24 06:04:50 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :mohammad ahmed 12/05/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.195	152	23317	20.000	ng/u1	0.00
20) Naphthalene-d8	11.021	136	105724	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.828	164	75402	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.578	188	172718	20.000	ng/u1	0.00
79) Chrysene-d12	21.885	240	163077	20.000	ng/u1	0.00
88) Perylene-d12	25.281	264	162385	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	5394	8.039	ng/uL	-0.01
4) Pyridine-d5	3.958	84	37260	18.924	ng/u1	-0.02
7) Phenol-d5	7.354	99	42895	18.614	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	28728	19.849	ng/u1	0.00
11) 2-Chlorophenol-d4	7.725	132	31655	19.075	ng/u1	0.00
15) 4-Methylphenol-d8	8.912	113	35809	19.256	ng/u1	0.00
21) Nitrobenzene-d5	9.370	128	17736	19.873	ng/u1	0.00
24) 2-Nitrophenol-d4	10.098	143	20131	19.996	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.651	165	32676	19.130	ng/u1	0.00
31) 4-Chloroaniline-d4	11.162	131	50295	20.124	ng/u1	0.00
46) Dimethylphthalate-d6	14.223	166	116476	20.076	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	141736	19.374	ng/u1	0.00
54) 4-Nitrophenol-d4	15.046	143	15040	16.015	ng/u1	0.00
60) Fluorene-d10	15.821	176	98215	18.799	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	18467	17.327	ng/u1	0.00
73) Anthracene-d10	17.678	188	162224	19.639	ng/u1	0.00
81) Pyrene-d10	19.957	212	191319	19.389	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.051	264	165407	19.073	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.571	88	5697	7.528	ng/uL#	89
5) Pyridine	3.982	79	38618	18.849	ng/u1	97
6) Benzaldehyde	7.325	77	33136	22.578	ng/u1	94
8) Phenol	7.378	94	45350	18.996	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.601	93	35608	19.715	ng/u1	99
12) 2-Chlorophenol	7.760	128	32286	19.092	ng/u1	96
13) 2-Methylphenol	8.641	108	33567	18.876	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.712	45	54077	20.749	ng/u1	99
16) Acetophenone	9.023	105	58130	20.209	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.994	70	34991	21.169	ng/u1	99
18) 4-Methylphenol	8.976	108	37581	19.764	ng/u1	94
19) Hexachloroethane	9.282	117	13452	18.833	ng/u1	94
22) Nitrobenzene	9.417	77	47556	20.322	ng/u1	99
23) Isophorone	9.928	82	94723	20.834	ng/u1	99
25) 2-Nitrophenol	10.128	139	20223	19.394	ng/u1	98
26) 2,4-Dimethylphenol	10.181	107	43333	20.325	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.410	93	51249	20.419	ng/u1	99
29) 2,4-Dichlorophenol	10.674	162	32239	19.174	ng/u1	98
30) Naphthalene	11.074	128	111551	19.391	ng/u1	99
32) 4-Chloroaniline	11.185	127	51112	20.371	ng/u1	99
33) Hexachlorobutadiene	11.338	225	20769	17.908	ng/u1	96
34) Caprolactam	11.943	113	13623m	20.609	ng/u1	
35) 4-Chloro-3-methylphenol	12.302	107	40939	20.269	ng/u1	95
36) 2-Methylnaphthalene	12.666	142	79633	20.351	ng/u1	97

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37) 1-Methylnaphthalene	12.883	142	79682	19.794	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.030	216	44725	18.894	ng/ul	99
40) Hexachlorocyclopentadiene	12.995	237	13055	13.644	ng/ul	98
41) 2,4,6-Trichlorophenol	13.277	196	28021	18.863	ng/ul	97
42) 2,4,5-Trichlorophenol	13.353	196	28389	18.250	ng/ul	99
43) 1,1'-Biphenyl	13.659	154	109941	19.522	ng/ul	98
44) 2-Chloronaphthalene	13.712	162	85225	19.024	ng/ul	97
45) 2-Nitroaniline	13.923	65	31267	20.166	ng/ul	95
47) Dimethylphthalate	14.270	163	114238	19.453	ng/ul	100
48) 2,6-Dinitrotoluene	14.405	165	24196	19.615	ng/ul	92
50) Acenaphthylene	14.558	152	141519	19.579	ng/ul	98
51) 3-Nitroaniline	14.746	138	26378	21.633	ng/ul	98
52) Acenaphthene	14.893	153	92772	19.462	ng/ul	100
53) 2,4-Dinitrophenol	14.969	184	9818	14.399	ng/ul	90
55) 4-Nitrophenol	15.063	109	17803	21.853	ng/ul	92
56) Dibenzofuran	15.228	168	132733	19.305	ng/ul	99
57) 2,4-Dinitrotoluene	15.198	165	35738	20.284	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.457	232	20940	17.142	ng/ul#	95
59) Diethylphthalate	15.621	149	123572	20.047	ng/ul	100
61) Fluorene	15.874	166	107395	19.500	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.856	204	55090	18.561	ng/ul	96
63) 4-Nitroaniline	15.909	138	27011	22.764	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.968	198	17236	16.769	ng/ul	96
67) N-Nitrosodiphenylamine	16.074	169	97549	19.728	ng/ul	99
68) 4-Bromophenyl-phenylether	16.755	248	34707	18.749	ng/ul	91
69) Hexachlorobenzene	16.879	284	35110	18.601	ng/ul	95
70) Atrazine	17.014	200	40605	19.540	ng/ul	99
71) Pentachlorophenol	17.237	266	11256m	13.458	ng/ul	
72) Phenanthrene	17.619	178	187109	19.620	ng/ul	99
74) Anthracene	17.713	178	187530	19.800	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.635	216	47178	18.727	ng/uL	98
76) Pentachlorobenzene	15.145	250	44454	18.938	ng/uL	97
77) Carbazole	17.989	167	172845	20.791	ng/ul	99
78) Di-n-butylphthalate	18.512	149	220026	20.526	ng/ul	99
80) Fluoranthene	19.622	202	235787	19.455	ng/ul	97
82) Pyrene	19.987	202	232029	19.572	ng/ul	98
83) Butylbenzylphthalate	20.845	149	96841	19.649	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.767	252	75578	19.905	ng/ul	96
85) Benzo(a)anthracene	21.861	228	214243	19.370	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.720	149	138108	19.473	ng/ul	100
87) Chrysene	21.932	228	205973	19.384	ng/ul	99
89) Di-n-octyl phthalate	22.983	149	235814	20.045	ng/ul	100
90) Benzo(b)fluoranthene	24.194	252	207327	18.919	ng/ul	98
91) Benzo(k)fluoranthene	24.264	252	193641	18.830	ng/ul	99
93) Benzo(a)pyrene	25.122	252	199855	19.116	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.199	276	222190	18.992	ng/ul	99
95) Dibenzo(a,h)anthracene	29.258	278	186460	18.786	ng/ul	99
96) Benzo(g,h,i)perylene	30.433	276	185912	18.887	ng/ul	96

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

