

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113021\
 Data File : BG051284.D
 Acq On : 30 Nov 2021 19:05
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020567

Quant Time: Dec 01 01:18:00 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 12/01/2021
 Supervised By :mohammad ahmed 12/05/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.189	152	31111	20.000	ng/u1	-0.01
20) Naphthalene-d8	11.021	136	142994	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.823	164	97443	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.578	188	220350	20.000	ng/u1	0.00
79) Chrysene-d12	21.873	240	198699	20.000	ng/u1	0.00
88) Perylene-d12	25.275	264	195571	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	7305	8.160	ng/uL	-0.01
4) Pyridine-d5	3.959	84	49560	18.865	ng/u1	-0.02
7) Phenol-d5	7.349	99	59705	19.417	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.508	67	37864	19.607	ng/u1	0.00
11) 2-Chlorophenol-d4	7.725	132	42550	19.217	ng/u1	0.00
15) 4-Methylphenol-d8	8.906	113	47425	19.113	ng/u1	0.00
21) Nitrobenzene-d5	9.370	128	23347	19.342	ng/u1	0.00
24) 2-Nitrophenol-d4	10.099	143	26319	19.329	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	44818	19.400	ng/u1	0.00
31) 4-Chloroaniline-d4	11.156	131	64781	19.164	ng/u1	0.00
46) Dimethylphthalate-d6	14.217	166	147172	19.629	ng/u1	0.00
49) Acenaphthylene-d8	14.523	160	185262	19.595	ng/u1	0.00
54) 4-Nitrophenol-d4	15.046	143	20354	16.771	ng/u1	0.00
60) Fluorene-d10	15.816	176	129469	19.176	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.951	200	23257	17.104	ng/u1	0.00
73) Anthracene-d10	17.672	188	206142	19.561	ng/u1	0.00
81) Pyrene-d10	19.952	212	238557	19.842	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.034	264	201931	19.333	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.565	88	8055	7.978	ng/uL	91
5) Pyridine	3.982	79	53427	19.544	ng/u1	94
6) Benzaldehyde	7.325	77	44428m	22.689	ng/u1	
8) Phenol	7.378	94	61348	19.260	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.602	93	48251	20.023	ng/u1	97
12) 2-Chlorophenol	7.754	128	43902	19.457	ng/u1	97
13) 2-Methylphenol	8.642	108	45756	19.285	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.718	45	68697	19.755	ng/u1	97
16) Acetophenone	9.023	105	75855	19.764	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.994	70	45040	20.422	ng/u1	98
18) 4-Methylphenol	8.971	108	49189	19.388	ng/u1	94
19) Hexachloroethane	9.276	117	18344	19.248	ng/u1	95
22) Nitrobenzene	9.411	77	62924	19.881	ng/u1	97
23) Isophorone	9.928	82	124859	20.305	ng/u1	100
25) 2-Nitrophenol	10.128	139	26824	19.019	ng/u1	97
26) 2,4-Dimethylphenol	10.181	107	57680	20.003	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.410	93	67467	19.874	ng/u1	99
29) 2,4-Dichlorophenol	10.669	162	43780	19.251	ng/u1	98
30) Naphthalene	11.068	128	149749	19.246	ng/u1	97
32) 4-Chloroaniline	11.180	127	65355	19.258	ng/u1	100
33) Hexachlorobutadiene	11.333	225	28890	18.418	ng/u1	98
34) Caprolactam	11.944	113	17784m	19.892	ng/u1	
35) 4-Chloro-3-methylphenol	12.302	107	53629	19.631	ng/u1	99
36) 2-Methylnaphthalene	12.666	142	102274	19.325	ng/u1	99

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37) 1-Methylnaphthalene	12.884	142	104390	19.173	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.025	216	58529	19.133	ng/ul	98
40) Hexachlorocyclopentadiene	12.989	237	32251	26.083	ng/ul	95
41) 2,4,6-Trichlorophenol	13.271	196	35191	18.331	ng/ul	99
42) 2,4,5-Trichlorophenol	13.354	196	37110	18.460	ng/ul	98
43) 1,1'-Biphenyl	13.659	154	141930	19.501	ng/ul	97
44) 2-Chloronaphthalene	13.706	162	110363	19.063	ng/ul	97
45) 2-Nitroaniline	13.918	65	40841	20.383	ng/ul	92
47) Dimethylphthalate	14.264	163	146500	19.304	ng/ul	100
48) 2,6-Dinitrotoluene	14.405	165	31558	19.796	ng/ul	91
50) Acenaphthylene	14.552	152	183259	19.619	ng/ul	99
51) 3-Nitroaniline	14.740	138	33183	21.059	ng/ul	94
52) Acenaphthene	14.887	153	118825	19.289	ng/ul	97
53) 2,4-Dinitrophenol	14.964	184	20889	23.707	ng/ul	90
55) 4-Nitrophenol	15.058	109	23620	22.435	ng/ul	92
56) Dibenzofuran	15.222	168	170428	19.181	ng/ul	98
57) 2,4-Dinitrotoluene	15.199	165	45421	19.949	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.457	232	27041	17.129	ng/ul	95
59) Diethylphthalate	15.622	149	156340	19.626	ng/ul	99
61) Fluorene	15.874	166	137957	19.383	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.851	204	72412	18.879	ng/ul	98
63) 4-Nitroaniline	15.904	138	35185	22.945	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.962	198	22331	17.029	ng/ul#	97
67) N-Nitrosodiphenylamine	16.074	169	122450	19.411	ng/ul	98
68) 4-Bromophenyl-phenylether	16.750	248	44177	18.706	ng/ul	92
69) Hexachlorobenzene	16.879	284	46458	19.292	ng/ul	97
70) Atrazine	17.008	200	51383	19.381	ng/ul	98
71) Pentachlorophenol	17.231	266	20958	19.641	ng/ul	98
72) Phenanthrene	17.619	178	235625	19.367	ng/ul	99
74) Anthracene	17.713	178	237470	19.653	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.630	216	61827	19.236	ng/uL	98
76) Pentachlorobenzene	15.140	250	57333	19.145	ng/uL	98
77) Carbazole	17.984	167	215511	20.319	ng/ul	99
78) Di-n-butylphthalate	18.506	149	273899	20.028	ng/ul	100
80) Fluoranthene	19.623	202	293220	19.857	ng/ul	96
82) Pyrene	19.981	202	289195	20.021	ng/ul	99
83) Butylbenzylphthalate	20.839	149	120164	20.010	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.761	252	89030	19.245	ng/ul	98
85) Benzo(a)anthracene	21.855	228	261192	19.381	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.714	149	170229	19.699	ng/ul	100
87) Chrysene	21.926	228	249240	19.251	ng/ul	99
89) Di-n-octyl phthalate	22.972	149	287893	20.319	ng/ul	100
90) Benzo(b)fluoranthene	24.188	252	251911	19.086	ng/ul	98
91) Benzo(k)fluoranthene	24.253	252	242443	19.575	ng/ul	98
93) Benzo(a)pyrene	25.110	252	243123	19.308	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.188	276	272992	19.374	ng/ul	98
95) Dibenzo(a,h)anthracene	29.241	278	229222	19.176	ng/ul	98
96) Benzo(g,h,i)perylene	30.416	276	227505	19.191	ng/ul	98

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

