

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051588.D
 Acq On : 17 Dec 2021 8:49
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020594

Quant Time: Dec 17 09:23:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.287	152	27304	20.000	ng/u1	0.00
20) Naphthalene-d8	11.124	136	113908	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.919	164	81659	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.662	188	215320	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.986	240	212507	20.000	ng/u1	# 0.00
88) Perylene-d12	25.481	264	224406	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	4887	7.433	ng/uL	0.00
4) Pyridine-d5	4.034	84	44860	22.583	ng/u1	-0.01
7) Phenol-d5	7.412	99	53394	21.902	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.588	67	31431	21.688	ng/u1	0.00
11) 2-Chlorophenol-d4	7.805	132	35903	21.175	ng/u1	0.00
15) 4-Methylphenol-d8	8.980	113	39641	21.036	ng/u1	0.00
21) Nitrobenzene-d5	9.456	128	18634	22.313	ng/u1	0.00
24) 2-Nitrophenol-d4	10.190	143	19620	21.491	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.731	165	42211	21.321	ng/u1	0.00
31) 4-Chloroaniline-d4	11.242	131	54467	20.896	ng/u1	0.00
46) Dimethylphthalate-d6	14.308	166	140965	21.568	ng/u1	0.00
49) Acenaphthylene-d8	14.614	160	176221	21.709	ng/u1	0.00
54) 4-Nitrophenol-d4	15.078	143	22350	21.028	ng/u1	0.00
60) Fluorene-d10	15.906	176	125779	21.480	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.006	200	22285	19.865	ng/u1	0.00
73) Anthracene-d10	17.762	188	211926	20.633	ng/u1	0.00
81) Pyrene-d10	20.036	212	266243	20.817	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.240	264	247575	20.968	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.640	88	6091	8.877	ng/uL#	93
5) Pyridine	4.051	79	44275	22.217	ng/u1	92
6) Benzaldehyde	7.400	77	38262m	25.155	ng/u1	
8) Phenol	7.441	94	53547	22.089	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.682	93	38188	20.649	ng/u1	96
12) 2-Chlorophenol	7.840	128	38035	21.869	ng/u1	98
13) 2-Methylphenol	8.710	108	38506	21.053	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.810	45	54560	21.750	ng/u1#	92
16) Acetophenone	9.109	105	60967	20.596	ng/u1#	90
17) N-Nitroso-di-n-propyla...	9.092	70	37294	20.997	ng/u1	94
18) 4-Methylphenol	9.039	108	41855	21.712	ng/u1	90
19) Hexachloroethane	9.391	117	15231	20.070	ng/u1#	69
22) Nitrobenzene	9.497	77	54459	22.420	ng/u1#	95
23) Isophorone	10.026	82	100069	20.520	ng/u1	98
25) 2-Nitrophenol	10.214	139	21203	21.728	ng/u1	87
26) 2,4-Dimethylphenol	10.267	107	48667	20.699	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.502	93	52965	20.454	ng/u1	94
29) 2,4-Dichlorophenol	10.754	162	40690	21.601	ng/u1	96
30) Naphthalene	11.177	128	125713	20.485	ng/u1	98
32) 4-Chloroaniline	11.265	127	55383	20.807	ng/u1	97
33) Hexachlorobutadiene	11.465	225	33424	20.900	ng/u1	94
34) Caprolactam	12.005	113	13328	23.370	ng/u1	87
35) 4-Chloro-3-methylphenol	12.370	107	45330	21.477	ng/u1	91
36) 2-Methylnaphthalene	12.763	142	92837	21.205	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.981	142	93629	20.596	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.127	216	61071	21.501	ng/ul	96
40) Hexachlorocyclopentadiene	13.110	237	48864	23.693	ng/ul	97
41) 2,4,6-Trichlorophenol	13.357	196	40033	23.283	ng/ul	97
42) 2,4,5-Trichlorophenol	13.427	196	41684	23.132	ng/ul	100
43) 1,1'-Biphenyl	13.756	154	131343	20.998	ng/ul#	95
44) 2-Chloronaphthalene	13.803	162	102741	21.245	ng/ul	99
45) 2-Nitroaniline	13.985	65	36202	24.505	ng/ul	93
47) Dimethylphthalate	14.355	163	135773	21.397	ng/ul	99
48) 2,6-Dinitrotoluene	14.473	165	28294	23.325	ng/ul	95
50) Acenaphthylene	14.643	152	170313	21.445	ng/ul	95
51) 3-Nitroaniline	14.802	138	28890	24.907	ng/ul	99
52) Acenaphthene	14.984	153	110310	21.025	ng/ul	98
53) 2,4-Dinitrophenol	15.007	184	16897	24.097	ng/ul#	83
55) 4-Nitrophenol	15.089	109	25902	22.714	ng/ul	84
56) Dibenzofuran	15.313	168	166050	21.490	ng/ul	98
57) 2,4-Dinitrotoluene	15.254	165	42668	24.817	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.530	232	40824	23.837	ng/ul#	91
59) Diethylphthalate	15.712	149	139645	21.126	ng/ul	98
61) Fluorene	15.965	166	136781	21.484	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.947	204	76663	21.618	ng/ul	93
63) 4-Nitroaniline	15.959	138	29347	24.670	ng/ul	86
66) 4,6-Dinitro-2-methylph...	16.018	198	20874	18.947	ng/ul#	96
67) N-Nitrosodiphenylamine	16.153	169	118293	20.425	ng/ul	96
68) 4-Bromophenyl-phenylether	16.840	248	53700	24.489	ng/ul#	87
69) Hexachlorobenzene	16.969	284	59249	21.502	ng/ul#	90
70) Atrazine	17.099	200	55040	21.179	ng/ul	98
71) Pentachlorophenol	17.310	266	41323	24.476	ng/ul	97
72) Phenanthrene	17.709	178	232854	21.025	ng/ul	99
74) Anthracene	17.798	178	229871	20.546	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.727	216	69527	20.989	ng/ul	97
76) Pentachlorobenzene	15.236	250	65547	20.699	ng/ul	98
77) Carbazole	18.056	167	209478	20.909	ng/ul	98
78) Di-n-butylphthalate	18.608	149	240067	19.911	ng/ul	99
80) Fluoranthene	19.707	202	304794	20.761	ng/ul#	89
82) Pyrene	20.065	202	304284	20.944	ng/ul#	88
83) Butylbenzylphthalate	20.940	149	100866	20.702	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.863	252	108943	21.753	ng/ul#	97
85) Benzo(a)anthracene	21.962	228	296868	21.472	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.851	149	145543	21.326	ng/ul#	99
87) Chrysene	22.033	228	277798	20.798	ng/ul	98
89) Di-n-octyl phthalate	23.167	149	244769	20.251	ng/ul	100
90) Benzo(b)fluoranthene	24.365	252	308658	20.535	ng/ul#	95
91) Benzo(k)fluoranthene	24.436	252	293809	20.873	ng/ul#	94
93) Benzo(a)pyrene	25.317	252	294177	20.737	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.505	276	333222	21.516	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.593	278	287255	21.716	ng/ul#	93
96) Benzo(g,h,i)perylene	30.768	276	279407	21.289	ng/ul#	90

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

