

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
 Data File : BG048422.D
 Acq On : 19 Mar 2021 13:30
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/22/2021 2:49:57 PM

Quant Time: Mar 19 14:14:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 16:38:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	49866	20.00	ng	# 0.00
21) Naphthalene-d8	10.932	136	181594	20.00	ng	# 0.00
39) Acenaphthene-d10	14.752	164	140601	20.00	ng	0.00
64) Phenanthrene-d10	17.501	188	346563	20.00	ng	# 0.00
76) Chrysene-d12	21.796	240	359507	20.00	ng	# 0.00
86) Perylene-d12	25.134	264	372470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	239429	79.40	ng	0.00
7) Phenol-d6	7.249	99	351811	80.18	ng	0.00
23) Nitrobenzene-d5	9.276	82	364232	80.20	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	179741	78.61	ng	0.00
45) 2-Fluorobiphenyl	13.371	172	769755	78.76	ng	0.00
79) Terphenyl-d14	20.110	244	1553745	77.94	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.529	88	47876	37.63	ng	# 93
3) Pyridine	3.935	79	141362	39.86	ng	# 93
4) n-Nitrosodimethylamine	3.847	42	83862	40.69	ng	# 64
6) Aniline	7.425	93	202793	39.08	ng	90
8) 2-Chlorophenol	7.666	128	121639	38.68	ng	84
9) Benzaldehyde	7.237	77	100761	42.65	ng	83
10) Phenol	7.278	94	174372	38.78	ng	# 68
11) bis(2-Chloroethyl)ether	7.519	93	122198	38.79	ng	96
12) 1,3-Dichlorobenzene	8.001	146	147523	39.44	ng	# 85
13) 1,4-Dichlorobenzene	8.142	146	147729	39.78	ng	# 95
14) 1,2-Dichlorobenzene	8.465	146	140950	39.57	ng	94
15) Benzyl Alcohol	8.341	79	155177	39.83	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	8.629	45	140105	38.89	ng	87
17) 2-Methylphenol	8.535	107	112637	39.51	ng	# 83
18) Hexachloroethane	9.199	117	55885	39.12	ng	96
19) n-Nitroso-di-n-propyla...	8.911	70	125282	38.47	ng	# 96
20) 3+4-Methylphenols	8.870	107	156649	40.11	ng	85
22) Acetophenone	8.929	105	201102	39.38	ng	# 90
24) Nitrobenzene	9.317	77	192273	39.52	ng	# 83
25) Isophorone	9.846	82	336843	38.75	ng	# 94
26) 2-Nitrophenol	10.034	139	74463	40.27	ng	# 66
27) 2,4-Dimethylphenol	10.081	122	114350	39.62	ng	# 79
28) bis(2-Chloroethoxy)met...	10.327	93	154386	39.18	ng	98
29) 2,4-Dichlorophenol	10.568	162	139804	41.75	ng	95
30) 1,2,4-Trichlorobenzene	10.791	180	164266	40.58	ng	94
31) Naphthalene	10.980	128	404080	40.13	ng	99
32) Benzoic acid	10.204	122	93135	41.47	ng	# 84
33) 4-Chloroaniline	11.079	127	172469	40.07	ng	# 86
34) Hexachlorobutadiene	11.267	225	127847	39.85	ng	98
35) Caprolactam	11.855	113	46391	38.80	ng	93
36) 4-Chloro-3-methylphenol	12.190	107	155855	40.10	ng	88
37) 2-Methylnaphthalene	12.584	142	313984	40.86	ng	# 92
38) 1-Methylnaphthalene	12.801	142	288568m	39.93	ng	
40) 1,2,4,5-Tetrachloroben...	12.942	216	200779	39.11	ng	# 98
41) Hexachlorocyclopentadiene	12.924	237	130174	39.22	ng	98
43) 2,4,6-Trichlorophenol	13.177	196	138282	39.74	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.247	196	148559	38.79	ng	#	89
46) 1,1'-Biphenyl	13.582	154	390743	38.72	ng		99
47) 2-Chloronaphthalene	13.629	162	317251	38.99	ng		96
48) 2-Nitroaniline	13.823	65	121604	40.38	ng	#	67
49) Acenaphthylene	14.475	152	509334	38.66	ng		95
50) Dimethylphthalate	14.199	163	438929	38.36	ng		98
51) 2,6-Dinitrotoluene	14.317	165	95440	38.76	ng	#	54
52) Acenaphthene	14.816	154	345522	39.02	ng		99
53) 3-Nitroaniline	14.646	138	95374	40.44	ng	#	78
54) 2,4-Dinitrophenol	14.846	184	61990	41.24	ng	#	70
55) Dibenzofuran	15.145	168	517126	39.21	ng		93
56) 4-Nitrophenol	14.940	139	83583	39.61	ng	#	36
57) 2,4-Dinitrotoluene	15.104	165	142812	40.84	ng	#	71
58) Fluorene	15.797	166	435764	39.37	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.368	232	146890	38.87	ng	#	95
60) Diethylphthalate	15.562	149	440063	39.34	ng		96
61) 4-Chlorophenyl-phenyle...	15.786	204	258482	40.59	ng		97
62) 4-Nitroaniline	15.809	138	101000	39.10	ng	#	48
63) Azobenzene	16.079	77	471070	38.70	ng		86
65) 4,6-Dinitro-2-methylph...	15.862	198	92255	42.27	ng		83
66) n-Nitrosodiphenylamine	16.003	169	394344	39.28	ng		97
67) 4-Bromophenyl-phenylether	16.685	248	173771	39.81	ng		95
68) Hexachlorobenzene	16.802	284	186215	39.81	ng	#	94
69) Atrazine	16.949	200	162110	40.14	ng		98
70) Pentachlorophenol	17.143	266	131269	42.22	ng		98
71) Phenanthrene	17.542	178	727528	39.74	ng		97
72) Anthracene	17.636	178	730384	40.21	ng		97
73) Carbazole	17.901	167	674434	38.94	ng		96
74) Di-n-butylphthalate	18.459	149	769658	40.15	ng	#	97
75) Fluoranthene	19.552	202	990028	40.62	ng		96
77) Benzidine	19.728	184	460346	42.75	ng		99
78) Pyrene	19.916	202	982278	39.78	ng		98
80) Butylbenzylphthalate	20.797	149	350355	39.92	ng	#	85
81) Benzo(a)anthracene	21.773	228	1009904	40.50	ng		98
82) 3,3'-Dichlorobenzidine	21.685	252	359290	39.93	ng		97
83) Chrysene	21.843	228	956815	40.03	ng		99
84) Bis(2-ethylhexyl)phtha...	21.679	149	490006	40.41	ng		98
85) Di-n-octyl phthalate	22.936	149	831506	40.95	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.964	276	1111731	39.14	ng	#	87
88) Benzo(b)fluoranthene	24.070	252	1022715	38.96	ng	#	97
89) Benzo(k)fluoranthene	24.141	252	959923	38.76	ng	#	97
90) Benzo(a)pyrene	24.975	252	932233	38.95	ng	#	96
91) Dibenzo(a,h)anthracene	29.035	278	951912	39.28	ng	#	94
92) Benzo(g,h,i)perylene	30.151	276	925086	39.35	ng	#	91

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

